

S
553.28
Oirp
1962-64

Sixth Biennial Report

of the

~~MONTANA LEGISLATIVE COUNCIL~~
~~STATE CAPITOL~~
~~HELENA, MONTANA~~

OIL AND GAS CONSERVATION COMMISSION

OF THE STATE OF MONTANA

to

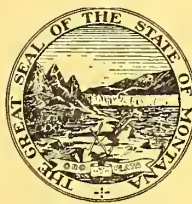
GOVERNOR TIM BABCOCK

AND

**MEMBERS OF THE THIRTY-NINTH LEGISLATIVE ASSEMBLY
OF THE STATE OF MONTANA**

For The Period

July 1, 1962 to July 1, 1964



COMMISSIONERS

G. W. Yoder, Chairman

Ted Hawley, Vice Chairman

Allen Zimmerman

Winston L. Cox

E. G. Balsam

DATE DUE

NOV 3 '76

Montana State Library



3 0864 1003 3801 4

Sixth Biennial Report
of the
OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA
to
GOVERNOR TIM BABCOCK
AND
MEMBERS OF THE THIRTY-NINTH LEGISLATIVE ASSEMBLY
OF THE STATE OF MONTANA

For The Period
July 1, 1962 to July 1, 1964



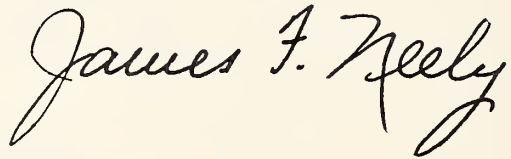
COMMISSIONERS
G. W. Yoder, Chairman
Ted Hawley, Vice Chairman
Allen Zimmerman
Winston L. Cox
E. G. Balsam

Helena, Montana
November 25, 1964

Honorable Tim Babcock
Governor of the State of Montana and
Members of the Thirty-ninth Legislative Assembly
of the State of Montana

In compliance with Section 60-127m C. (6) Revised Codes of Montana, 1947, as amended, the Oil and Gas Conservation Commission herewith submits its Biennial Report for the period of July 1, 1962 to July 1, 1964.

Respectfully submitted,

A handwritten signature in cursive script, reading "James F. Neely". The signature is written in dark ink and is positioned above the printed name and title.

James F. Neely
Executive Secretary
Oil and Gas Conservation Commission
of the State of Montana

INTRODUCTION

The origin of the Oil and Gas Conservation Commission of the State of Montana was with the thirty-third Montana Legislatures passage of "An Act Defining and Prohibiting the Waste of Oil and Gas in the State of Montana; Creating and Establishing the Oil and Gas Conservation Commission; Defining the Powers and Duties of the Commission with Respect to Conservation of Oil and Gas; Providing for the Enforcement of the Act and the Rules, Regulations and Orders of Said Commission; Providing for the Filing and Hearing of Complaints Concerning Waste of Oils and Gas, and for Oaths, Subpoenas, Records, Suits and Appeals; Providing for Financing Activities of the Oil and Gas Conservation Commission; Repealing Sections 60-101 Through 60-123 Both inclusive, and Section 8-208, Revised Codes of Montana, 1947; and Providing for Effective Date." Reference: Sections 60-124 through 60-148, Revised Codes of Montana, 1947, as amended.

The Commission authority and duties as defined are:

(1) To require: (a) identification of ownership of oil or gas wells, producing properties and tanks; (b) the making and filing of acceptable well logs, reports on well locations, and the filing of directional surveys, if made, provided, however, that logs of exploratory or wildcat wells need not be filed for a period of six (6) months following completion of such wells; (c) the drilling, casing, producing and plugging of wells in such a manner as to prevent the escape of oil or gas out of one stratum into another, the intrusion of water into oil or gas stratum, blowouts, cavings, seepages, and fires; and the pollution of fresh water supplies by oil, gas, salt or brackish water; (d) the furnishing of a reasonable bond with good and sufficient surety, conditioned for performance of the duty to properly plug each dry or abandoned well; (e) proper gauging or other measuring of oil and gas produced and saved to determine the quantity and quality, thereof; (f) that every person who produces, transports or stores oil or gas in this state shall make available within this state for a period of five (5) years complete and accurate records of quantities, thereof, which records shall be available for examination by the Commission or its agents at all reasonable times, and that every person file with the Commission such reports as it may prescribe with respect to quantities, transportations and storages of such oil or gas.

(2) For the purpose of preventing waste: (a) to regulate the drilling, producing and plugging of wells, the shooting and chemical treatment of wells, the spacing of wells, operations voluntarily entered in to increase ultimate recovery such as cycling of gas, the maintenance of pressure, and the introduction of gas, water or other substances into producing formations and (b) to fix, upon application made by any interested person after hearing, efficient gas-oil and water-oil ratios for any particular well or wells.

(3) To regulate disposal of salt water and oil field wastes.

(4) To classify wells as oil or gas wells for purposes material to the interpretation or enforcement of this act.

(5) To promulgate and to enforce rules, regulations and orders to effectuate the purposes and the intent of this act.

(6) To prepare and submit to the legislative assembly of the State of Montana, at least thirty (30) days before the convening thereof, a report of the activities of the Commission, including among other things, a summary account of the monies received and expended by the Commission, the petitions which have been filed before it, and such specific recommendations as the Commission shall deem proper as to the legislative enactment which will further the oil development of the State of Montana and properly regulate the oil industry and the Commission.

ACQUISITION OF ADDITIONAL FACILITIES

The 1957 Session of the Montana Legislature by Chapter 32 of the 1957 Session laws transferred jurisdiction, control, supervision and custody of the property and records of the Petroleum Field Station located in the city of Billings, Montana, from the Bureau of Mines and Geology of the State of Montana School of Mines to the State of Montana Oil and Gas Conservation Commission.

Said transfer was accomplished, and the building and facilities affected thereby have been under the jurisdiction of the Commission since July 1, 1957. The building which houses cores and cuttings from a great number of Montana wells was enlarged to permit additional office space during the first half of 1958, after authorization was secured for such enlargement from the State Board of Examiners.

Besides the aforesaid cores and cuttings from Montana wells, records are also available to interested parties and the information obtainable from the Billings' facility of the Commission is deemed to be of great assistance, both to the Commission in its conservation activities and to members of the oil and gas producing industry in the State of Montana.

REGULATORY ACTIVITIES

During the biennium period of July 1, 1962 to July 1, 1964, the commission set a total of ninety-eight hearings. Seven of the hearings were initiated upon motion of the Commission and eighty-six were initiated by petitions received from firms or individuals.

All petitions received by the Commission were docketed for hearings. Six of said petitions docketed during June 1964, last month of the biennium, established a hearing date in July 1964, the first fiscal month of the following biennium. Thus, the Commission held a total of eighty hearings during the biennium. As a

result of these hearings, the Commission issued a total of ninety-three orders. Three special orders were written, plus twelve orders written on dockets held over from the preceeding biennium. The hearings and orders covered many phases of the oil and gas exploration activities and oil and gas production within the State of Montana, such as the conservation and prevention of waste of oil and gas, establishment of field rules, spacing problems, water injection for both disposal purposes and secondary recovery, natural gas injection for secondary recovery, natural gas storage reservoirs, amendments to existing rules and regulations and production.

On the following pages is a complete listing of:

- (a) All dockets instituted setting hearings and all orders adopted by the Commission for the period of July 1, 1962 to July 1, 1964.
- (b) All wells completed from July 1, 1962 to July 1, 1964 by fiscal year together with a summary of such wells as completed.
- (c) A statement of barrels of crude oil produced, refined, exported, and stored in Montana during the period July 1, 1962 to July 1, 1964.
- (d) Natural gas production report for the period of July 1, 1962 to July 1, 1964.
- (e) Revenue received by the Commission for the period July 1, 1962 to July 1, 1964.
- (f) Statement of expenditures by the Commission for the period of July 1, 1962 to July 1, 1964.

DOCKETS

No.	Date	Filed by	Subject	Order Adopted
50-62	8- 7-62	Texas Pacific Coal & Oil	Application for an exception to the spacing rules applicable in the Kevin-Sunburst Field, TOOLE COUNTY, as established by Commission Order No. 28-55.	51-62
51-62	8-13-62	Sumatra Oil Corp.	Application requesting revision of field rules applicable to the Whitlash Field, TOOLE and LIBERTY COUNTIES, established by Commission Order No. 16-54 for the purpose of enlargement of said field.	61-62
52-62	8-13-62	Anschutz Oil Co., Inc.	Application for delineation, naming and establishment of field rules for the Bascom Field, ROSEBUD COUNTY.	52-62
53-62	8-17-62	Pan American Petroleum Corp.	Application for permission to institute and operate a water flood project in the Stensvad Field, ROSEBUD and MUSSELSHELL COUNTIES.	53-62
54-62	8-17-62	Texota Oil Company	Application for permission to inject water on a pilot flood basis in the southwest portion of the Cut Bank Field, GLACIER COUNTY.	54-62
55-62	8-17-62	Montalban Oils, Inc.	Application for delineation, establishment of field rules and naming of a new field in PONDERA COUNTY (Brady Field).	55-62
56-62	8-21-62	Shell Oil Company	Application for an exception to field rules applicable to the Lookout Butte Field, FALLON COUNTY, established by Commission Order No. 21-62.	56-62
57-62	8-21-62	Shell Oil Company	Application for an exception to field rules applicable in the Pennel Field, FALLON COUNTY, established by Commission Order No. 20-62.	57-62
58-62	8-21-62	Shell Oil Company	Application for re-delineation of the Glendive Field, DAWSON COUNTY.	58-62
59-62	8-21-62	Shell Oil Company	Application for permission to commingle oil from different formations within the Pennel Field, FALLON COUNTY.	59-62
60-62	8-21-62	Shell Oil Company	Application for permission to dispose of salt water in the Cabin Creek Field, FALLON COUNTY, by injection into the Mission Canyon formation.	60-62
61-62	9-21-62	Arne B. Filan	Application for permission to use a vacuum pump for production of a well in Section 25, Township 35 North, Range 2, West, MPM, TOOLE COUNTY.	63-62
62-62	9-21-62	Cooperative Refinery Association	Application for permission to dispose of salt water in the Benrud Field, ROOSEVELT COUNTY.	64-62
63-62	10-17-62	Texota Oil Company	Application for an exception to field rules applicable to the Dwyer Field, SHERIDAN COUNTY, pertaining to spacing	62-62
64-62	10-22-62	A. P. Waggoner Drilling Co.	Application for an exception to field rules applicable to the Sumatra Field, ROSEBUD COUNTY, pertaining to spacing.	65-62
65-62	10-23-62	Lawrence Barker, Jr.	Application for an exception to the spacing rules applicable to the Keg Coulee Field, MUSSELSHELL COUNTY.	66-62

DOCKETS—Continued

No.	Date	Filed by	Subject	Order Adopted
66-62	10-25-62	Cardinal Petroleum Co.	Application for delineation, naming and establishment of field rules for the Graben Coulee South Field, GLACIER COUNTY.	67-62
67-62	11-13-62	Continental Oil Co.	Application for permission to dispose of salt water in the Lookout Butte and Pennel Fields, FALLON COUNTY.	68-62
68-62	11-13-62	Calvert Exploration Co.	Application for an order pooling interests in the NW¼ of Section 34, Township 31 North, Range 47 East, MPM, Benrud field, ROOSEVELT COUNTY.	69-62
69-62	11-13-62	J. R. Marchi	Application for an exception to the field rules applicable to the Gypsy Basin Field, TETON and PONDERA COUNTIES, relative to spacing.	1-63
70-62	11-13-62	W. C. Kaufman	Application for an exception to field rules applicable to the Red Creek Field, GLACIER COUNTY, concerning spacing.	70-62
71-62	11-13-62	Union Oil Co. of California	Application for an exception to field rules applicable to the Red Creek Field, GLACIER COUNTY, concerning spacing.	71-62
72-62	11-13-62	Union Oil Co. of California	Application for an order creating the McGuinness-Moulton pool within the Cut Bank Field, GLACIER COUNTY, and to institute a water flood project.	72-62
73-62	11-19-62	Commission	For consideration of a re-delineation of the Cut Bank Field, Graben Coulee Field, Graben Coulee South Field, and Red Creek Field, GLACIER COUNTY, and for consideration of field rules applicable thereto.	73-62
1-63	12-11-62	Murphy Corporation	Application for the naming and delineation of an oil field in ROOSEVELT COUNTY (East Benrud Field).	2-63
2-63	12-18-62	Shell Oil Company	Application for an exception to field rules applicable to the Pennel Field, FALLON COUNTY, concerning spacing.	3-63
3-63	12-18-62	Shell Oil Company	Application for re-delineation of the Monarch and Pennel Field, FALLON COUNTY.	4-63
4-63	12-21-62	TEXACO Inc.	Application for an exception to field rules applicable to the Ragged Point Field, MUSSELSHELL COUNTY, concerning spacing.	5-63
5-63	2- 1-63	McAlester Fuel Co.	Application for naming, delineation and establishment of field rules for an oil field in RICHLAND COUNTY (Spring Lake Field).	6-63
6-63	2-19-63	Continental Oil Co.	Application for an order re-delineating the Pennel and Lookout Butte Fields, FALLON COUNTY.	7-63 7-63-A
7-63	2-15-63	Cardinal Petroleum Co.	Application for an exception to field rules applicable to the Ragged Point Field, MUSSELSHELL COUNTY, concerning spacing.	8-63
8-63	2-21-63	TEXACO Inc.	Application for naming, delineation and establishment of field rules for a gas field in WHEATLAND COUNTY (Mud Creek Field).	9-63
9-63	3-14-63	Commission	For re-consideration of field rules applicable to the Sidney-Brorson Field, RICHLAND COUNTY.	12-63

DOCKETS—Continued

No.	Date	Filed by	Subject	Order Adopted
10-63	3-14-63	Commission	For re-consideration of Commission Order No. 52-62 pertaining to the Bascom Field, ROSE-BUD COUNTY.	10-63
11-63	3-21-63	Sun Oil Company	Application for naming, delineation and establishment of field rules for an oil field in SHERIDAN COUNTY (Lone Tree Field).	11-63
12-63	4- 3-63	Lon Crumley, Trustee	Application for permission to institute a water flood project in the Kevin-Sunburst Field, TOOLE COUNTY.	13-63 Notice of Continuance 15-63
13-63	4- 3-63	Union Oil of California	Application for permission to institute a water flood project in the south central Cut Bank sand unit area of the Cut Bank Field, GLACIER COUNTY.	14-63
14-63	5-21-63	Shell Oil Company	Application for approval of a salt water disposal system in the Glendive Field, DAWSON COUNTY.	16-63
15-63	5-31-63	TEXACO Inc.	Application for an exception to field rules applicable to the Deer Creek Field, DAWSON COUNTY, concerning spacing.	17-63
16-63	5-31-63	TEXACO Inc.	Application for permission to commingle production from different pools in the same well casing in the Deer Creek Field DAWSON COUNTY.	18-63
17-63	6- 6-63	Nelson G. Bingham	Application for extension of the Flat Coulee Field, LIBERTY COUNTY.	19-63
18-63	6- 6-63	Shell Oil Company	Application for an exception to field rules applicable to the Pennel Field, FALLON COUNTY, concerning spacing.	20-63
19-63	6- 6-63	Shell Oil Company	Application for an exception to spacing applicable to the Monarch Field, FALLON COUNTY.	21-63
20-63	6- 6-63	Humble Oil & Refining Co.	Application for permission to dispose of salt water rroduced with oil in the Red Creek Field, GLACIER COUNTY.	22-63
21-63	6- 7-63	E. L. K. Oil Company	Application for an exception to spacing rules applicable in the Tule Creek Field, ROOSEVELT COUNTY.	23-63
22-63	6- 7-63	TEXACO Inc.	Application for approval of a unit agreement and authorization to institute a water flood project in the Northeast Cut Bank Sand Unit Area, Cut Bank Field, GLACIER COUNTY.	24-63
23-63	6-10-63	Sumatra Oil Corp.	Application for an exception to spacing rules applicable to the West Whitlash Field, TOOLE COUNTY.	25-63
24-63	7-12-63	James A. Lewis Engineering, Inc.	Application for approval of a salt water disposal system in the Dwyer Field, SHERIDAN COUNTY.	26-63
25-63	8-14-63	Robert G. Pitcher	Application for an exception to spacing applicable in the Red Creek Field, GLACIER COUNTY.	28-63
26-63	8-15-63	Grannell Drilling Co.	Application for the naming, delineation and establishment of field rules for production of oil from the Sunburst sand, TOOLE COUNTY (Fred & George Creek Field).	29-63

DOCKETS—Continued

No.	Date	Filed by	Subject	Order Adopted
27-63	8-19-63	Shell Oil Company	Application for approval of a secondary recovery plan in Cabin Creek Unit, Cabin Creek Field, FALLON COUNTY.	30-63
28-63	8-21-63	Montalban Oils, Inc.	Application requesting re-delineation of the Brady Field, PONDERA COUNTY, and re-delineation of the South Conrad Field, PONDERA COUNTY.	31-63
29-63	8-21-63	J. R. Marchi	Application requesting an exception to spacing rules applicable in the Gypsy Basin Field, TETON and PONDERA COUNTIES.	32-63
30-63	8-21-63	Ivanhoe Petroleum Corp.	Application requesting an exception to spacing rules applicable in the Gypsy Basin Field, TETON and PONDERA COUNTIES.	33-63
31-63	9-17-63	Carl T. Dynneson, et al.	Application for an order to force pooling of interests within the Sidney-Brorson Field, RICHLAND COUNTY, S½ Section 29, Township 24 North, Range 58 East, MPM.	34-63 Notice of Continuance 34-63-A
32-63	9-17-63	Commission	For delineation and establishment of field rules for the Frannie Field, CARBON COUNTY.	35-63
33-63	9-20-63	Shell Oil Company	Application for approval of a salt water disposal program in the Pennel and Monarch Fields, FALLON COUNTY.	36-63
34-63	9-20-63	Cardinal Petroleum Co.	Application for the naming, delineation and establishment of field rules for production of gas from the Madison formation LIBERTY COUNTY (Mt. Lilly Field).	37-63
35-63	9-20-63	Paul F. Rutledge	Application for an exception to spacing rules in the Sidney-Brorson Field, RICHLAND COUNTY, and for the permission to dually complete.	38-63
36-63	9-24-63	Phillips Petroleum Co.	Application for the naming, delineation and establishment of field rules for production of oil and gas from the Interlake-Silurian formation, McCONE COUNTY (Vida Field).	39-63
37-63	10-14-63	TEXACO Inc.	Application for approval of a water flood project in the Lander sand unit area of the Cut Bank Field, GLACIER COUNTY.	40-63
38-63	10-24-63	Montalban Oils, Inc.	Application for amendment to spacing rules applicable to the Sunburst reservoir Gypsy Basin Field, PONDERA and TETON COUNTIES.	45-63
39-63	10-24-63	Humble Oil & Refining Co.	Application for permission to convert producing wells to water injection service in the Cut Bank sand, Cut Bank Field, GLACIER COUNTY.	41-63
40-63	10-25-63	Commission	For the naming, delineation and establishment of field rules for the production of oil from the Ratcliff formation underlying land in SHERIDAN COUNTY (Goose Lake Field).	42-63
41-63	10-25-63	Commission	For delineation and establishment of field rules for the Elk Basin Northwest Field, CARBON COUNTY.	43-63
42-63	10-28-63	Tom Vessels, Jr.	Application for an exception to field rules applicable to the Flat Coulee Field, LIBERTY COUNTY, pertaining to spacing.	44-63

DOCKETS—Continued

No.	Date	Filed by	Subject	Order Adopted
43-63	11-19-63	Shell Oil Company	Application for exceptions to field rules applicable in the Pennel Field, FALLON COUNTY.	1-64
37-63-A	12- 2-63	Samuel E. Tweedy	Application for a rehearing of the matter of approval of a water flood project in the Lander Sand Unit Area of the Cut Bank Field, GLACIER COUNTY.	40-63-A
44-63	12- 3-63	Commission	For a hearing pertaining to the East Benrud Field, ROOSEVELT COUNTY, concerning Commission Order No. 2-63 which was a temporary order for a period of 12 months.	2-64
1-64	1-24-64	Pan American Petroleum Corp.	Application for approval of a water flood project in the Tyler formation, Keg Coulee Field, MUSSELSHELL COUNTY.	3-64
2-64	2- 3-64	Roscoe Greenup and Robert W. Parsell	Application for an exception to field spacing rules. Fred and George Creek Field, TOOLE COUNTY.	14-64
3-64	2-17-64	Shell Oil Company	Application for naming, delineation and establishment of field rules for the South Wills Creek Field, FALLON COUNTY.	5-64
4-64	2-20-64	The British-American Oil Producing Co.	Application for an amendment to spacing rules applicable to the Keg Coulee Field MUSSELSHELL COUNTY.	4-64 and 4-64 (Corrected)
5-64	3-10-64	Montalban Oils Inc.	Application for approval of return of excessive gas produced in the Sunburst reservoir, Gypsy Basin Field, PONDERA and TETON COUNTIES.	6-64
6-64	3-10-64	Grace Ford Oil and Gas Co., Inc.	Application for an exception to field rules applicable to the Tule Creek Field, ROOSEVELT COUNTY, concerning spacing.	7-64
7-64	3-10-64	Sumatra Oil Corp.	Application for an exception to field spacing rules in the Fred and George Creek Field, TOOLE COUNTY.	15-64
8-64	3-10-64	TEXACO Inc.	Application for approval of a water flood project in the Lander Sand Unit Area of the Cut Bank Field, GLACIER COUNTY.	8-64
9-64	3-10-64	TEXACO Inc.	Application for approval of a water flood project in the Sunburst Sand Unit Area of the Kevin-Sunburst Field, TOOLE COUNTY.	9-64
10-64	3- 3-64	TEXACO Inc.	Application for an order authorizing expansion of water flood operations in the Southeast Cut Bank Sand Unit, Cut Bank Field, GLACIER COUNTY.	10-64
11-64	3- 3-64	Sun Oil Company	Application for approval of a salt water disposal program in the Lone Tree Field, SHERIDAN COUNTY.	11-64
12-64	3-17-64	Signal Drilling and Exploration, Inc.	Application for approval of a salt water disposal program in the Goose Lake Field, SHERIDAN COUNTY.	12-64
13-64	3-20-64	Shell Oil Company	Application for permission to use the Mission Canyon and Lodge Pole zones of the Madison formation for its salt water disposal program in the Pennel Field, FALLON COUNTY.	13-64

DOCKETS—Continued

No.	Date	Filed by	Subject	Order Adopted
14-64	3-20-64	Commanche Drilling Co.	Application for an exception to spacing rules in the Fred and George Creek Field, TOOLE COUNTY.	16-64
15-64	3-27-64	Juniper Oil and Gas Co.	Application for permission to institute a water flood project for secondary recovery in the Kevin-Sunburst Field, TOOLE COUNTY.	17-64
16-64	4-21-64	Shell Oil Company	Application for an exception to field rules applicable to the Glendive Field, DAWSON COUNTY, concerning spacing.	18-64
17-64	4-22-64	Ivanhoe Petroleum Corp.	Application for permission to institute a pilot water flood project in the Ivanhoe Field, MUSSELSHELL and ROSEBUD COUNTIES.	19-64
18-64	4-28-64	Shell Oil Company	Application for permission to dispose of salt water in the Gas City Field, DAWSON COUNTY.	20-64
19-64	6- 1-64	Humble Oil and Refining Co.	Application for permission to institute and operate a water flood project in the Lander sand, Cut Bank Field, GLACIER COUNTY.	Next FY
20-64	6- 9-64	J. Ray McDermott & Co., Inc.	Application for permission to institute a water flood project in the Montana portion of the Ash Creek Field, BIG HORN COUNTY.	Next FY
21-64	6-19-64	Pan American Petroleum Corp.	Application for modification of spacing rules applicable to the Northwest Keg Coulee Unit Area, Keg Coulee Field, MUSSELSHELL COUNTY.	Next FY
22-64	6-19-64	Amerada Petroleum Corp.	Application for the naming, delineation and establishment of field rules for the production of oil from the Tensleep formation, BIG HORN COUNTY (Lodge Grass Field).	Next FY
23-64	6-19-64	Sun Oil Company	Application for an exception to spacing rules applicable in Area II of the Goose Lake Field, SHERIDAN COUNTY.	Next FY
24-64	6-19-64	Shell Oil Company	Application for an exception to special field rules applicable to the Pennel Field, FALLON COUNTY, concerning spacing.	Next FY

ORDERS

Order No.	Date Adopted	Docket No.	Subject
40-62	7-12-62	39-62	Exception to spacing rules applicable to the Tule Creek Field, ROOSEVELT COUNTY.
B-62-1 (special)	7-12-62	....	Show cause order concerning salt water disposal practices of operators within the Pennel Field, FALLON COUNTY.
41-62	7-12-62	40-62	Delineation and establishment of field rules for the Little Beaver Field, FALLON COUNTY.
41-62-A	7-12-62	40-62	Correction to Order No. 41-62 with respect to delineation of the Little Beaver Field, FALLON COUNTY.
42-62	7-12-62	41-62	Delineation and establishment of field rules for the Little Beaver East Field, FALLON COUNTY.
43-62	7-12-62	42-62	Amendment to General Rules and Regulations, Rule 401, by the adoption of Commission Form No. 5 (Report of subsurface injections).
44-62	7-12-62	43-62	Pertaining to field rules applicable to the Benrud Field, ROOSEVELT COUNTY.
45-62	7-12-62	44-62	Delineation and establishment of field rules for the Snyder Field, BIG HORN COUNTY.
46-62	7-12-62	45-62	Disposal by injection method of salt water produced with oil in the Pennel Field, FALLON COUNTY.
47-62	7-12-62	46-62	Re-delineation of Seven Mile and Woodrow Fields, DAWSON COUNTY, by combining the two fields into one, retaining the name of Woodrow Field, and establishing other field rules.
48-62	7-12-62	47-62	Disposal by injection method of salt water produced with oil in the Woodrow Field, DAWSON COUNTY.
49-62	7-12-62	48-62	Pertaining to the sub-surface commingling of production in the Sand Creek Field, DAWSON COUNTY.
50-62	7-12-62	49-62	Exception to spacing rules applicable to the Brady Field, PONDERA COUNTY.
A-62-1 (special)	9-13-62	....	Rescinding special Order No. A-62, an order to plug an apparent dry hole. Conditions changed, with need for plugging set aside.
51-62	9-13-62	50-62	Exception to spacing rules applicable to the Kevin-Sunburst Field, TOOLE COUNTY.
52-62	9-13-62	52-62	Delineation, naming and establishment of field rules for the Bascom Field, ROSEBUD COUNTY.
53-62	9-13-62	53-62	Permitting installation and operation of a water flood project in the Stensvad Field, ROSEBUD and MUSSELSHELL COUNTIES.
54-62	9-13-62	54-62	Injection of water on a pilot flood basis for secondary recovery in the southwest portion of the Cut Bank Field, GLACIER COUNTY.
55-62	9-13-62	55-62	Delineation and establishment of field rules for an area in PONDERA COUNTY.
56-62	9-13-62	56-62	Exception to spacing rules applicable to the Lookout Butte Field, FALLON COUNTY.
57-62	9-13-62	57-62	Exception to field rules applicable in the Pennel Field, FALLON COUNTY, concerning spacing.
58-62	9-13-62	58-62	Re-delineation of the Glendive Field, DAWSON COUNTY.
59-62	9-13-62	59-62	Permission to commingle oil from different formations within the Pennel Field, FALLON COUNTY.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
60-62	9-13-62	60-62	Disposal by injection method of salt water produced with oil in the Cabin Creek Field, FALLON COUNTY.
61-62	9-13-62	51-62	Revision of field rules applicable to the Whitlash Field, TOOLE and LIBERTY COUNTIES.
62-62	11- 8-62	63-62	Exception to field rules applicable to the Dwyer Field, SHERIDAN COUNTY, concerning spacing.
62-62-A	12- 6-62	63-62	Concerning application for an exception to field rules pertaining to spacing of wells in the Dwyer Field, SHERIDAN COUNTY.
63-62	10-24-62	61-62	Denial of a request for permission to use a vacuum pump for production of a well in Section 25, Township 35 North, Range 2 West, TOOLE COUNTY.
64-62	10-24-62	62-62	Disposal by injection method of salt water produced with oil in the Benrud Field, ROOSEVELT COUNTY.
C-62 (special)	11- 7-62	....	Order relative to the plugging of an abandoned well described as Hohmann No. 1 in the SE SW of Section 22, Township 10 North, Range 33 East, ROSEBUD COUNTY.
65-62	11- 8-62	64-62	Exception to spacing rules applicable to the Sumatra Field, ROSEBUD COUNTY.
66-62	11- 8-62	65-62	Order dismissing application for exception to spacing rules applicable to Keg Coulee Field, MUSSELSHELL COUNTY.
67-62	11- 8-62	66-62	Delineation, naming and establishment of field rules for the Graben Coulee South Field, GLACIER COUNTY.
68-62	12- 6-62	67-62	Disposal by injection method of salt water produced with oil in the Lookout Butte and Pennel Fields, FALLON COUNTY.
69-62	12- 6-62	68-62	Order pooling interests in the NW $\frac{1}{4}$ of Section 34, Township 31 North, Range 47 East, Benrud Field, ROOSEVELT COUNTY.
70-62	12- 6-62	70-62	Exception to spacing rules applicable to the Red Creek Field, GLACIER COUNTY.
71-62	12- 6-62	71-62	Exception to spacing rules applicable to the Red Creek Field, GLACIER COUNTY.
72-62	12- 6-62	72-62	Permitting the installation of a water flood program for secondary recovery purposes in the McGuinness-Moulton Pool within the Cut Bank Field, GLACIER COUNTY.
73-62	12- 6-62	73-62	Re-delineation of the Cut Bank Field, Graben Coulee Field, Graben Coulee South Field and Red Creek Field, and field rules applicable thereto, GLACIER COUNTY.
1-63	1-10-63	69-62	Exception to spacing rules in the Gypsy Basin Field, TETON and PONDERA COUNTIES.
2-63	1-10-63	1-63	Naming, delineation and establishment of field rules for the East Benrud Field, ROOSEVELT COUNTY.
3-63	1-10-63	2-63	Exception to spacing rules applicable to the Pennel Field, FALLON COUNTY.
4-63	1-10-63	3-63	Re-delineation of the Monarch and Pennel Fields, FALLON COUNTY.
5-63	1-10-63	4-63	Exception to spacing rules applicable to the Ragged Point Field, MUSSELSHELL COUNTY.
6-63	3-14-63	5-63	Naming, delineation and establishment of field rules for Spring Lake Field, RICHLAND COUNTY.
7-63	3-14-63	6-63	Re-delineation of Pennel and Lookout Butte Fields, FALLON COUNTY.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
7-63-A	3-14-63	6-63	Correction to Order No. 7-63 with respect to re-delineation of the Pennel and Lookout Butte Fields, FALLON COUNTY.
8-63	3-14-63	7-63	Exception to spacing rules applicable to the Ragged Point Field, MUSSELSHELL COUNTY.
9-63	3-14-63	8-63	Naming, delineation and establishment of field rules for a gas field in WHEATLAND COUNTY (Mud Creek Field).
10-63	4-11-63	10-63	Change of field rules relative to the Bascom Field, ROSEBUD COUNTY, as established by Commission Order No. 52-62.
11-63	4-11-63	11-63	Naming, delineation and establishment of field rules for a new oil field in SHERIDAN COUNTY (Lone Tree Field).
12-63	5- 9-63	9-63	Re-delineation of the Sidney-Brorson Field, RICHLAND COUNTY.
13-63	5- 9-63	12-63	Continuation of a docket to be heard at a later date concerning the Kevin-Sunburst Field, TOOLE COUNTY.
14-63	5- 9-63	13-63	Permission to institute a water flood project in the South Central Cut Bank Sand Unit Area of the Cut Bank Field, GLACIER COUNTY.
15-63	6-27-63	12-63	Permission to institute a water flood project in the Kevin-Sunburst Field, TOOLE COUNTY.
16-63	6-27-63	14-63	Disposal by injection method of salt water produced with oil in the Glendive Field, DAWSON COUNTY.
17-63	6-27-63	15-63	Exception to spacing rules applicable to the Deer Creek Field, DAWSON COUNTY.
18-63	6-27-63	16-63	Permission to commingle production from different pools in the same well casing in the Deer Creek Field, DAWSON COUNTY.
19-63	6-27-63	17-63	Re-delineation of the Flat Coulee Field, LIBERTY COUNTY.
20-63	6-27-63	18-63	Exception to spacing rules applicable to the Pennel Field, FALLON COUNTY.
21-63	6-27-63	19-63	Exception to spacing rules applicable to the Monarch Field, FALLON COUNTY.
22-63	6-27-63	20-63	Disposal by injection method of salt water produced with oil in the Red Creek Field, GLACIER COUNTY.
23-63	6-27-63	21-63	Exception to spacing rules applicable to the Tule Creek Field, ROOSEVELT COUNTY.
24-63	6-27-63	22-63	Permitting the installation of a water flood project in the Northeast Cut Bank Sand Unit Area, Cut Bank Field, GLACIER COUNTY.
25-63	6-27-63	23-63	Exception to spacing rules applicable to the West Whitlash Field, TOOLE COUNTY.
26-63	8- 8-63	24-63	Disposal by injection method of salt water produced with oil in the Dwyer Field, SHERIDAN COUNTY.
27-63 (special)	6-27-63	....	Increase of privilege and license tax pertaining to production of crude oil and natural gas.
28-63	9-12-63	25-63	Exception to spacing applicable to the Red Creek Field, GLACIER COUNTY.
29-63	9-12-63	26-63	Naming, delineation and establishment of field rules for the Sunburst sand, Fred and George Creek Field, TOOLE COUNTY.
30-63	9-12-63	27-63	Permitting the installation of a water flood project for secondary recovery purposes in the Cabin Creek Unit, Cabin Creek Field, FALLON COUNTY.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
31-63	9-12-63	28-63	Re-delineation of the Brady Field and naming and delineation of the South Conrad Field, PONDERA COUNTY.
32-63	9-12-63	29-63	Dismissal without prejudice of a docket issued to call a hearing for an exception to spacing rules applicable to the Gypsy Basin Field, TETON and PONDERA COUNTIES.
33-63	9-12-63	30-63	Dismissal without prejudice of a docket issued to call a hearing for an exception to spacing rules applicable to the Gypsy Basin Field, TETON and PONDERA COUNTIES.
34-63	10-10-63	31-63	Continuation of a docket to be heard at a later date at the request of an interested party concerning pooling of interests within the Sidney-Brorson Field, RICHLAND COUNTY.
34-63-A	11-14-63	31-63	Dismissal of Docket No. 31-63, which docket concerned an application to force the pooling of interests. Parties concerned entered into an agreement and settled differences.
35-63	10-10-63	32-63	Delineation and establishment of field rules for the Frannie Field, CARBON COUNTY.
36-63	10-10-63	33-63	Disposal by injection method of salt water produced with oil in the Pennel and Monarch Fields, FALLON COUNTY.
37-63	10-10-63	34-63	Naming, delineation and establishment of field rules for the Madison formation, Mt. Lilly Field, LIBERTY COUNTY.
38-63	10-10-63	35-63	Exception to spacing rules applicable to the Sidney-Brorson Field, RICHLAND COUNTY, and for permission to dually complete.
39-63	10-10-63	36-63	Naming, delineation and establishment of field rules for production of oil and gas from the Interlake-Silurian formation, McCONE COUNTY (Vida Field).
40-63	11-14-63	37-63	Permitting the installation of a water flood program for secondary recovery purposes in the Lander Sand Unit Area of the Cut Bank Field, GLACIER COUNTY.
41-63	11-14-63	39-63	Permitting the conversion of producing wells to water injection wells in the Cut Bank Sand, Cut Bank Field, GLACIER COUNTY.
42-63	11-14-63	40-63	Naming, delineation and establishment of field rules for the production of oil from the Ratcliff formation underlying lands in SHERIDAN COUNTY (Goose Lake Field).
43-63	11-14-63	41-63	Delineation and establishment of field rules for the Elk Basin Northwest Field, CARBON COUNTY.
44-63	11-14-63	42-63	Exception to spacing rules applicable to the Flat Coulee Field, LIBERTY COUNTY.
45-63	11-14-63	38-63	Amendment to spacing rules applicable to the Sunburst reservoir, Gypsy Basin Field, PONDERA and TETON COUNTIES.
1-64	1- 9-64	43-63	Exceptions to spacing rules, Pennel Field, FALLON COUNTY.
2-64	1- 9-64	44-63	Re-delineation of the East Benrud Field, ROOSEVELT COUNTY.
40-63-A	3-12-64	37-63 and 37-63-A	Dismissal of docket on application for re-hearing concerning a water flood project in the Lander Sand Unit Area of the Cut Bank Field, GLACIER COUNTY.
3-64	3-12-64	1-64	Permitting the installation of a water flood program for secondary recovery purposes in the Tyler formation, Keg Coulee Field, MUSSELSHELL COUNTY.
4-64	3-12-64	4-64	Amendment to spacing rules applicable to the Keg Coulee Field, MUSSELSHELL COUNTY.

ORDERS—Continued

Order No.	Date Adopted	Docket No.	Subject
4-64 (corrected)	3-12-64	4-64	Amendment to spacing rules applicable to the Keg Coulee Field, MUSSELSHELL COUNTY.
5-64	3-12-64	3-64	Naming, delineation and establishment of field rules, South Wills Creek Field, FALLON COUNTY.
6-64	4- 9-64	5-64	Re-cycling of excessive natural gas produced with oil from the Sunburst reservoir, Gypsy Basin Field, PONDERA and TETON COUNTIES.
7-64	4- 9-64	6-64	Exception to spacing rules applicable to the Tule Creek Field, ROOSEVELT COUNTY.
8-64	4- 9-64	8-64	Permitting the installation of a water flood program for secondary recovery purposes in the Lander Sand Unit Area of the Cut Bank field, GLACIER COUNTY.
9-64	4- 9-64	9-64	Permitting the installation of a water flood program for secondary recovery purposes in the Sunburst Sand Unit of the Kevin-Sunburst Field, TOOLE COUNTY.
10-64	4- 9-64	10-64	Authorizing expansion of water flood operations in the Southeast Cut Bank Sand Unit, Cut Bank Field, GLACIER COUNTY.
11-64	4- 9-64	11-64	Disposal by injection method of salt water produced with oil in the Lone Tree Field, SHERIDAN COUNTY.
12-64	4- 9-64	12-64	Disposal by injection method of salt water produced with oil in the Goose Lake Field, SHERIDAN COUNTY.
13-64	4- 9-64	13-64	Disposal by injection method of salt water produced with oil in the Pennel Field, FALLON COUNTY.
14-64	4-29-64	2-64	Denial of a request for exception to spacing rules applicable to the Fred and George Creek Field, TOOLE COUNTY.
15-64	4-29-64	7-64	Denial of a request for exception to spacing rules applicable to the Fred and George Creek Field, TOOLE COUNTY.
16-64	4-29-64	14-64	Denial of a request for exception to spacing rules applicable to the Fred and George Creek Field, TOOLE COUNTY.
17-64	5-14-64	15-64	Permitting the installation of a water flood program for secondary recovery purposes in the Kevin-Sunburst Field, TOOLE COUNTY.
18-64	5-14-64	16-64	Exception to spacing rules applicable to the Glendive Field, DAWSON COUNTY.
19-64	5-14-64	17-64	Permitting the installation of a pilot water flood project in the Ivanhoe Field, MUSSELSHELL and ROSEBUD COUNTIES.
20-64	5-14-64	18-64	Disposal by injection method of salt water produced with oil in the Gas City Field, DAWSON COUNTY.

Wells Completed From July 1, 1962 To July 1, 1963

BIG HORN COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification #Development-Wildcat
Cardinal Petroleum Co.	Kendrick	1	C SE SE 26 1N 34E	5,132	Dry	Fee	*
Cardinal Petroleum Co.	Ottum	1	C SW SE 33 1N 34E	3,731	Dry	Fee	**
Colorado Oil & Gas Corp.	Crow Tribal No. 0252-158	1-29	SE SE SE 29 9S 38E	5,131	Dry	Indian	**
Eugene S. Livingston	Crow Tribal	1	NW NW SW 35 6S 32E	1,822	Oil	Indian	*
Exploration Drilg. Co.	Tribal	1	C SW SW 27 3S 31E	2,394	Dry	Indian	**
Kimbark Exploration Co.	Knowles	1	SE SW NW 27 6S 32E	1,954	Oil	Fee	*
Marathon Oil Co.	Gov't-Cabot	1	NC SE NE 2 7S 39E	8,292	Dry	Gov't	**

Total of 7 Wells Completed: 5 Dry Holes; 2 Oil Holes; 3 on Fee Lands, 1 on Gov't Land, 3 on Indian Lands; 3 Development Wells, 4 Wildcat Wells. Total footage drilled was 28,456 feet.

CARBON COUNTY

Lawrence Barker, Jr.	Barker-Koski	8-7	C SW NE 8 6S 20E	5,751	Dry	Fee	**
Lawrence Barker, Jr.	Barker-Olcott-Foard	23-4	NE NW NW 23 7S 20E	7,208	Dry	Fee	**
Lawrence Barker, Jr.	Arthum	35-16	C SE SE 35 4S 19E	6,328	Dry	Fee	**
Lawrence Barker, Jr.	Barker-Tolman	6-2	SC NW NE 6 6S 22E	4,369	Dry	Fee	**
Lawrence Barker, Jr.	Barker-State	16-16	C SE SE 16 5S 20E	4,950	Dry	Fee	**
Big Snowy Drilg. Co.	J. Rex Campbell	1	SW SE SW 35 3S 23E	1,178	Dry	Fee	**
Cardinal Petroleum Co.	Lester Ward	1	C SW NE 26 5S 22E	4,085	Dry	Fee	**
Sinclair Oil & Gas Co.	NW Elk Basin Unit	1	NC SE NE 29 9S 23E	9,463	Oil	Fee	*
TEXACO Inc.	A. F. Richardson	1	SW NE NW 15 7S 22E	2,920	Gas	Fee	**
TEXACO Inc.	Gov't "C"	1	C NW SW 27 9S 22E	10,536	Oil	Gov't	*

Total of 10 Wells Completed: 7 Dry Holes, 2 Oil Wells, 1 Gas Well; 9 on Fee Lands, 1 on Gov't Land; 2 Development Wells, 8 Wildcat Wells, 1 Successful Wildcat. Total footage drilled was 56,838 feet.

CARTER COUNTY

Forest Oil Corporation	Gov't	34-1	C SW SE 34 6S 56E	3,072	Dry	Gov't	**
Miles Jackson, Inc.	Gov't	1	C NE NW 26 5S 60E	6,800	Dry	Gov't	**
Miles Jackson, Inc.	McDowell	1	C NW SE 27 8S 59E	3,575	Dry	Fee	**
Miles Jackson, Inc.	Jones	1	C SW SE 24 7S 59E	4,200	Dry	Fee	**
Miles Jackson, Inc.	Gov't	1-A	C SE SE 30 6S 59E	5,960	Dry	Gov't	**
Miles Jackson, Inc.	Gov't	1-B	C NW NW 13 6S 60E	6,526	Dry	Gov't	**
McCulloch Oil Corp. of Calif.	Moore	1	C NE NE 15 4S 57E	6,895	Dry	Fee	**
Shannon Oil Co.	U. S. Mont. 022749-Pure	1	NE NE SE 35 1S 56E	8,698	Dry	Gov't	**

Total of 8 Wells Completed: 8 Dry Holes; 3 on Fee Lands, 5 on Gov't Lands; 8 Wildcat Wells. Total footage drilled was 45,726 feet.

CASCADE COUNTY

Pan American Petr. Corp.	John S. Hamilton	1	SC SW SW 19 21N 2W	4,415	Dry	Fee	**
--------------------------	------------------	---	--------------------	-------	-----	-----	----

CUSTER COUNTY

Gulf Oil Corp.	M. C. Simpson	1	SC NW SW 35 1N 48E	5,745	Dry	Fee	**
Gulf Oil Corp.	Turner-Fed.	1	C SE SE 32 4N 45E	5,675	Dry	Gov't	**
The Ozark Corp.	Doris E. Burke	1	C NW SW 26 6N 45E	5,500	Dry	Fee	**
The Ozark Corp.	Donald L. Pyle et ux	1	C SE SE 32 4N 47E	5,900	Dry	Fee	**
The Ozark Corp.	N.P.	1	C NW NW 19 2N 47E	5,900	Dry	Fee	**
The Ozark Corp.	Williams	1	C SE SE 5 1N 47E	5,950	Dry	Fee	**
The Ozark Corp.	N.P. Ry.	1	C NW NW 23 3N 45E	5,800	Dry	Gov't	**
Shamrock Oil & Gas Corp.	BLM-A(M)029918-Fed.	1-22	NW NE SW 22 9N 55E	9,805	Dry	Gov't	**

Total of 8 Wells Completed: 8 Dry Holes; 5 on Fee Lands, 3 on Gov't Lands; 8 Wildcat Wells. Total footage drilled was 49,875 feet.

Classification

ment

C SE SE 36 34N 50E

NE NW NW 34 14N 55E
EC NW NW 27 14N 55E
SC NE SE 15 15N 54E
NW NE SE 28 14N 55E
WC NE SW 20 13N 56E
WC NE NW 17 16N 54E
C NE NE 18 16N 54E
C SE SE 33 17N 53E
C SW SE 8 16N 54E

Total footage drilled was 86,697 feet.

NNW SE NE 1 6N 57E
 C SE SW 4 6N 60E
 C SE NE 1 7N 59E
 C SE NW 2 6N 60E
 C NW NW 31 8N 60E
 C SE SE 31 8N 60E
 C SE NW 8 7N 60E
 C SE NW 21 7N 60E
 C SE NE 31 8N 60E
 C SE NE 17 7N 60E
 C SE SW 16 7N 60E
 C SE NE 21 7N 60E
 WWC SE SE 71 7N 60E
 EC SE NE 31 7N 60E
 C SE SW 22 7N 60E
 C SE SW 21 7N 60E
 C SE SE 17 7N 60E
 C SE NW 22 7N 60E
 C SE NE 29 7N 60E
 NNW SE SE 36 9N 58E
 NNW SE SE 23 9N 58E
 NNW SE SE 21 10N 58E
 C SW 11 9N 58
 EC SE 14 9N 58E
 C NW 24 9N 58E
 C SE NW 35 7N 60E
 C SE SW 5 7N 60E
 C SE SE 5 7N 60E
 C SE NE 7 8N 60E
 C Lot .3 5 7N 60E
 C SE SW 15 7N 60E
 C SE NE 27 7N 60E
 SC SE SW 33 8N 60E
 C SE NW 25 7N 60E
 SC SE NE 9 6N 60E

FALLON COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Develop- ment **Wldcat
Shell Oil Company	U.S. 024347 (b) Unit	24-10	NW SE SW 10 6N 60E	8,880	Oil	Gov't	*
Shell Oil Company	Gov't-Vinsel	24-30C	WC SE SW 30 8N 60E	8,831	Oil	Gov't	*
Shell Oil Company	H. Palmer	44-20B	C SE SE 20 7N 60E	8,850	Oil	Fee	*
Shell Oil Company	Warren et al-2025044 (b)	22-24	C SE NW 24 8N 59E	8,834	Oil	Gov't	*
Shell Oil Company	J. MacMillan- U.S. 020543(a)	32X-34	NW SW NE 34 5N 61E	8,590	Oil	Gov't	*
Shell Oil Company	H. Zook	22-28B	C SE NW 28 7N 60E	8,980	Oil	Fee	*
Shell Oil Company	N.P. Unit	22-33	C SE NW 33 7N 60E	8,955	Oil	Fee	*
Shell Oil Company	N.P. Unit	22-9	NE SE NW 9 6N 60E	8,897	Oil	Fee	*
Shell Oil Company	State 2857-51	42-36	SC SE NE 36 8N 59E	8,810	Oil	State	*
Shell Oil Company	J. Y. Bordwell-Gov't	33-14A	C NW SE 14 5N 60E	8,660	Dry	Gov't	**
Shell Oil Company	Gov't-Walker 02500(a)	42-25	C SE NE 25 8N 59E	8,836	Oil	Gov't	*
Shell Oil Company	Unit-N.P.	42-5	C SE NE 5 6N 60E	8,900	Oil	Fee	*
Shell Oil Company	Unit-N.P.	44-5	C SE SE 5 6N 60E	8,902	Oil	Fee	*
Shell Oil Company	H. Palmer	42-20B	C SE NE 20 7N 60E	8,985	Oil	Fee	*
Shell Oil Company	Gov't-Calana 037999(a)	42-15	EC SE NE 15 8N 59E	8,890	Oil	Gov't	*
Shell Oil Company	N.P.	32-23	C SW NE 23 9N 59E	9,040	Dry	Fee	*
Shell Oil Company	U.S. 023250	13X-8	SE NW SW 8 4N 62E	5,310	Dry	Gov't	*
Shell Oil Company	Gov't-Rood	42-10	C SE NE 10 8N 59E	8,860	Oil	Gov't	*
Shell Oil Company	G. M. Smart-Unit	24-32	C SE SW 32 7N 60E	8,868	Oil	Fee	*
Shell Oil Company	Warren-025044(b)	44-24	NE SE SE 24 8N 59E	8,856	Oil	Gov't	*
Shell Oil Company	N.P.-Unit	24-33	C SE SW 33 7N 60E	8,930	Oil	Fee	*
Shell Oil Company	Gov't-Lysne	22-14	C SE NW 14 8N 59E	8,798	Oil	Gov't	*
Shell Oil Company	MDU	22-18B	WC SE NW 18 7N 60E	8,860	Oil	Fee	*
Shell Oil Company	State	22-16	C SE NW 16 7N 60E	9,100	Oil	State	*
Shell Oil Company	Gov't-Unit	22-44	C SE SE 4 6N 60E	8,982	Oil	Gov't	*
Shell Oil Company	Unit-US-M-044828	22-10	SW SE NW 10 6N 60E	8,938	Oil	Gov't	*
Shell Oil Company	Daugherty	42-18B	SW SE NE 18 7N 60E	8,808	Oil	Fee	*
Shell Oil Company	Unit (N. P.)	22-15	C SE NW 15 6N 60E	8,877	Oil	Fee	*
Shell Oil Company	Vinsel-Gov't-026954(a)	22-30C	SW SE NW 30 8N 60E	8,920	Oil	Gov't	*
Shell Oil Company	N.P. (Unit)	44-9	SC SE SE 9 6N 60E	8,866	Oil	Fee	*
Shell Oil Company	City of Baker	42-24A	SW SE NE 24 7N 59E	9,450	Dry	Fee	*
Shell Oil Company	R. Griffith et al.	24-8B	C SE SW 8 7N 60E	8,802	Oil	Fee	*
Shell Oil Company	N.P.	22-3	C SE NW 3 6N 60E	8,879	Oil	Fee	*
Shell Oil Company	N.P. Unit	44-33	WC SE SE 33 7N 60E	8,851	Oil	Fee	*
Shell Oil Company	J. Wight 032090	24-10	SC SE SW 10 8N 59E	8,728	Oil	Gov't	*
Shell Oil Company	Unit-US 029813(b)	42-4	SW SE NE 4 6N 60E	8,986	Oil	Gov't	*
Shell Oil Company	W. Erther	44-28B	SC SE SE 28 7N 60E	8,827	Oil	Fee	*
Shell Oil Company	Calana Corp. 037999(b)	44-15	C SE SE 15 8N 59E	8,930	Oil	Gov't	*
Shell Oil Company	US-M-044828	42-10	WC SE NE 10 6N 60E	8,840	Oil	Gov't	*
Shell Oil Company	Unit (MDU)	32X-5	SW NE 5 4N 62E	8,445	Oil	Fee	*
Shell Oil Company	A. Olsen et al.	22-4	C SE NW 4 6N 60E	8,960	Oil	Fee	*
Shell Oil Company	C. Sargeants	24-32C	C SE SW 32 8N 60E	8,840	Oil	Fee	*
Shell Oil Company	J. Wight 032090	22-10	C SE NW 10 8N 59E	8,807	Oil	Gov't	*
Shell Oil Company	N.P.	24-19C	C SE SW 19 8N 60E	8,983	Oil	Fee	*
Shell Oil Company	N.P. Unit	42-33	C SE NE 33 7N 60E	8,860	Oil	Fee	*
Shell Oil Company	Gov't-MEPL	44-4	C SE SE 4 8N 59E	8,760	Oil	Gov't	*
Shell Oil Company	N.P. (Unit)	44-15	C SE SE 15 6N 60E	8,864	Oil	Fee	*
Shell Oil Company	U.S. 024347(b)	44-10	C SE SE 10 6N 60E	8,945	Oil	Gov't	*
Shell Oil Company	Gov't-Warren et al	42-24	C SE NE 24 8N 59E	8,938	Oil	Gov't	*
Shell Oil Company	Gov't-C. M. Rood	44-10	NW SE SE 10 8N 59E	8,810	Oil	Gov't	*
Shell Oil Company	N.P.	22-27B	C SE NW 27 7N 60E	8,935	Oil	Fee	*
Shell Oil Company	N.P. (Unit)	24-3	C SE SW 3 6N 60E	8,821	Oil	Fee	*
Shell Oil Company	N.P. (Unit)	44-3	C SE SE 3 6N 60E	8,887	Oil	Fee	*

FALLON COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Develop- ment **Wildcat
Shell Oil Company	State 2857-51	S22X-36	SC SE NW 36 8N 59E	5,768	Dry	State	*
Shell Oil Company	Unit-State	42-16	SE NE 16 6N 60E	8,860	Oil	State	*
Shell Oil Company	M. M. Lamp	44-30C	C SE SE 30 8N 60E	8,877	Oil	Fee	*
Shell Oil Company	Gov't-MEPPL	21-4	C SE SW 4 8N 59E	8,864	Oil	Gov't	*
Shell Oil Company	Gov't - Corden	22-13	C SE NW 13 8N 59E	8,914	Oil	Gov't	*
Shell Oil Company	Gov't-Anderson	44-3	C SE SE 3 8N 59E	8,990	Oil	Gov't	*
Shell Oil Company	Gov't-Calana	22-15	C SE NW 15 8N 59E	8,900	Oil	Gov't	*
Shell Oil Company	Gov't-Unit	13-35	EC NW SW 35 5N 61E	8,520	Dry	Gov't	*
Shell Oil Company	B. J. Stumpf	24-34	WC SE SW 34 7N 60E	8,880	Oil	Fee	*
Shell Oil Company	Gov't-Anderson	22-11	C SE NW 11 8N 59E	8,900	Oil	Gov't	*
Shell Oil Company	Creel	44-6B	C SE SE 6 7N 60E	8,816	Oil	Fee	*
Shell Oil Company	N.P.	22-11	SC SE NW 11 6N 60E	8,836	Oil	Fee	*
Shell Oil Company	N.P.	42-15	NC SE NE 15 6N 60E	8,830	Oil	Fee	*
Shell Oil Company	N.P.	21-29	NC NE NW 29 5N 59E	2,630	Dry	Fee	**
Shell Oil Company	N.P.	21-33	SC NE NW 33 4N 61E	1,733	Dry	Fee	**
Shell Oil Company	N.P.	14-23	SC SW SW 23 10N 56E	2,141	Dry	Fee	**
Shell Oil Company	N.P.	14-17	SC SW SW 17 6N 59E	2,150	Dry	Fee	**
Shell Oil Company	Warren-US-25044(b)	44-25	C SE SE 25 8N 59E	8,830	Oil	Gov't	*
Shell Oil Company	Unit	44-14	C SE SE 14 6N 60E	8,776	Dry	Gov't	*

Total of 107 Wells Completed: 16 Dry Holes, 85 Oil Wells, 6 Gas Wells; 65 on Fee Lands, 36 on Gov't Lands, 6 on State Lands; 101 Development Wells, 6 Wildcat Wells. Total footage drilled was 874,221 feet.

FERGUS COUNTY

TEXACO Inc.	Dunphy	1	SW SE NE 17 19N 14E	4,580	Dry	Fee	**
-------------	--------	---	---------------------	-------	-----	-----	----

GARFIELD COUNTY

Farmers Union Central Exch.	N.P. R.R.	1	EC SW SE 27 14N 30E	3,400	Dry	Fee	**
Farmers Union Central Exch.	N.P. R.R.	2	C SW SW 3 13N 30E	3,760	Dry	Fee	**
Ohio Oil Company	Ohio-Sunray-Sohio	1	C SW NW 10 13N 34E	4,140	Dry	Fee	**
P-M Drig. Co.	E. J. Chappel	1	C NE SW 28 17N 39E	6,150	Dry	Fee	**

Total of 4 Wells Completed: 4 Dry Holes; 4 on Fee Lands; 4 Wildcat Wells. Total footage drilled was 17,450 feet.

GLACIER COUNTY

Cardinal Petroleum Co.	Swenson	11-10	C NE SW 10 37N 5W	2,942	Oil	Fee	*
Cardinal Petroleum Co.	Swenson	14-10	NE SE SW 10 37N 5W	2,760	Oil	Fee	*
Cardinal Petroleum Co.	McAlpine	7-12	NW SW NE 12 37N 5W	2,758	Oil	Fee	*
Cardinal Petroleum Co.	Swenson	6-10	SE SE NW 10 37N 5W	2,785	Dry	Fee	*
Cardinal Petroleum Co.	Tuma	8-4	C SE NE 4 37N 5W	2,990	Dry	Fee	*
Continental Oil Co.	Tribal 8	1	C SW SE 8 35N 6W	3,250	Dry	Indian	*
Evan C. Essex.	Cobb	5	SW NE NW 14 37N 5W	2,604	Oil	Fee	*
G.S. & B.L. Frary	Sadie Kennerly	2	C SW NE 27 34N 6W	3,033	Oil	Fee	*
G.S. & B.L. Frary	Hope Fee	7	C NW SW 19 34N 5W	2,856	Oil	Fee	*
G.S. & B.L. Frary	Kennerly Heirs	2	C SE NW 27 34N 6W	3,076	Oil	Fee	*
G.S. & B.L. Frary	M. Chatterton	2	C SE NW 15 32N 6W	3,415	Oil	Fee	*
Humble Oil & Refg. Co.	McAlpine	7	C SE NE 3 37N 5W	3,050	Dry	Fee	*
Montalban Oils Inc.	State 4770-56	2-S-2	NE NW NE 15 37N 5W	2,657	Oil	State	*
Montalban Oils Inc.	State 4770-56	2-S-3	NW NW NE 15 37N 5W	2,813	Oil	State	*
Montana Power Co.	Tribal 355	30	SE NE SE 16 37N 7W	3,876	Oil	Indian	*
Phillips Petroleum Co.	S.W. Cut Bank Sand Unit	90-W8	NW NE SE 30 32N 5W	2,929	Dry	Fee	*
Phillips Petroleum Co.	S.W. Cut Bank Sand Unit	84-S5	SE SE NW 30 32N 5W	3,310	Dry	Fee	*

GLACIER COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Develop- ment **Wildcat
Jack Rouse-Richard M. Zajic	Tribal	1	C SW NE 5 35N 6W	3,231	Dry	Indian	*
A. A. Seeligson, Jr.	Texas-Kennerly	A-1	C NW SE 27 34N 6W	3,030	Dry	Fee	*
Texota Oil Company	Tribal	D-2	C SW NE 34 32N 6W	3,420	Oil	Indian	*
Union Oil Co. of Calif.	Swenson	3	C SE NE 10 37N 5W	2,810	Oil	Fee	*
Union Oil Co. of Calif.	Swenson	4	C NE SE 10 37N 5W	2,820	Oil	Fee	*
Union Oil Co. of Calif.	Swenson	5	C NW SE 10 37N 5W	2,813	Oil	Fee	*
Union Oil Co. of Calif.	Stuft 416	10	C Lot 3 18 36N 5W	3,096	Oil	Fee	*
Union Oil Co. of Calif.	Fisher-Torbet Unit	4	C SW NE 34 36N 5W	2,900	Oil	Fee	*
Total of 25 Wells Completed: 8 Dry Holes, 17 Oil Wells; 19 on Fee Lands, 2 on State Lands, 4 on Indian Lands; 25 Development Wells. Total footage drilled was 75,224 feet.							

LEWIS & CLARK COUNTY

Shell Oil Company	Krone	31-32	C NW NE 32 18N 5W	7,800	Dry	Fee	**
-------------------	-------	-------	-------------------	-------	-----	-----	----

LIBERTY COUNTY

B & B Drilg. Co.	Bingham	1	NC NE NE 17 37N 5E	3,039	Gas	Fee	*
B & B Drilg. Co.	Bingham	6-8	C SE NW 8 37N 5E	2,953	Oil	Fee	*
B & B Drilg. Co.	Bingham	5-8	C SW NW 8 37N 5E	2,934	Oil	Fee	*
Cabeen Expl. Corp.	Saterdal-Fed. M-031365A	2	C SE NE 18 36N 6E	2,480	Dry	Gov't	*
Cardinal Petr. Co.	State-Darrow	11-9	SC NE SW 9 37N 5E	3,010	Oil	State	*
Cardinal Petr. Co.	Fed. M-023316-E	7-3	SC SW NE 3 36N 5E	3,510	Dry	Gov't	**
Cardinal Petr. Co.	State-Darrow	6-9	SC SE NW 9 37N 5E	3,040	Oil	State	*
Cardinal Petr. Co.	Beaudoin et al	1	C NW NW 7 35N 4E	2,825	Dry	Fee	**
Cardinal Petr. Co.	State-Darrow	7-8	C SW NE 8 37N 5E	3,010	Oil	State	*
Cardinal Petr. Co.	State-Darrow	10-8	C NW SE 8 37N 5E	2,910	Oil	State	*
Cardinal Petr. Co.	State-Darrow	8-8	SC SE NE 8 37N 5E	2,997	Oil	State	*
Cardinal Petr. Co.	State-Darrow	12-9	C NW SW 9 37N 5E	2,955	Oil	State	*
Cardinal Petr. Co.	State-Darrow	5-9	SE SW NW 9 37N 5E	3,032	Oil	State	*
Cardinal Petr. Co.	State-Darrow	9-8	C NE SE 8 37N 5E	2,900	Oil	State	*
Cardinal Petr. Co.	State-Darrow	11-8	NE NE SW 8 37N 5E	2,900	Oil	State	*
Cardinal Petr. Co.	Mont. 038184	1-8	C NE NE 8 37N 5E	3,070	Dry	Gov't	*
Delfern Oil Co.	Iverson	2	NW SW SE 9 37N 4E	2,012	Oil	Fee	*
Montana Power Company	Kolhei Unit	1	NW SE NW 24 36N 6E	3,141	Gas	Fee	*
Montana Power Company	Osler Unit	2	SW NE NE 23 36N 6E	3,098	Gas	Fee	*
Montana Power Company	Johns Unit	1	NE SW SE 14 36N 6E	3,140	Gas	Fee	*
Montana Power Company	Houghen	1	C SE NW 18 36N 4E	2,630	Dry	Fee	*
Signal Drilg. & Expl. Inc.	Gov't McGregor	1	C SW SW 18 37N 6E	3,345	Oil	Gov't	**
Total of 22 Wells Completed: 5 Dry Holes, 4 Gas Wells, 13 Oil Wells; 9 on Fee Lands, 9 on State Lands, 4 on Gov't Lands; 19 Development Wells, 3 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 64,981 feet.							

McCONE COUNTY

California Oil Co.	N.P. Ry. Co.	1	C NW NW 15 23N 48E	9,625	Dry	Fee	**
Great Northern Drilg. Co., Inc.	Powden et al	1	C SE NW 33 27N 50E	6,668	Dry	Fee	**
Gulf States Oil Co.	Tom Hudiburg	2	SE NW NE 34 22N 48E	9,347	Oil	Fee	*
Gulf States Oil Co.	Tom Hudiburg	3	NW SE SW 27 22N 48E	9,350	Dry	Fee	*
Mule Creek Oil Co., Inc.	Clair Schillinger	1	C SW NW 10 23N 49E	9,372	Dry	Fee	**
C. T. Robertson	Schock-Blair	1	SW NE SW 22 23N 49E	7,110	Oil	Fee	**
States Oil Co.	R. A. Nerud	1	SW NE NE 4 21N 48E	9,686	Dry	Fee	*
Superior Oil Co.	Goff	22-10	C SE NW 10 19N 44E	9,696	Dry	Fee	*
Texas Crude Oil Co.	N.P. R.R.	1	NW SE NE 27 22N 48E	9,403	Dry	Fee	**
Western Natural Gas Co.	N.P.	1-35	SE NW NW 35 22N 48E	9,304	Oil	Fee	*
Total of 10 Wells Completed: 7 Dry Holes, 3 Oil Wells; 10 on Fee Lands; 5 Development Wells, 5 Wildcat Wells. Total footage drilled was 89,561 feet.							

MUSSELSHELL COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification—Development—Wildcat
Anschutz Oil Co., Inc.	Reuler Heirs	1	C NE NE 35 10N 30E	5,205	Dry	Fee	**
Lawrence Barker, Jr.	Smith	2	C SW NE 12 10N 30E	5,110	Dry	Fee	*
Cardinal Petr. Co.	N.P. R.R.	9-1	C NE SE 1 10N 27E	3,861	Dry	Fee	**
Cardinal Petr. Co.	G. A. Anderson	1	SW SW SW 11 11N 30E	4,360	Dry	Fee	**
Cardinal Petr. Co.	N.P. R.R.	16-35	C SE SE 35 11N 27E	4,000	Dry	Fee	**
Cardinal Petr. Co.	Harvey	2	WC SW NE 30 10N 31E	5,182	Dry	Fee	*
Cardinal Petr. Co.	Walter Rose	1	NW NW NW 15 11N 30E	3,907	Dry	Fee	*
Continental Oil Co.	DeJaegher	6	C NW NE 5 10N 31E	4,802	Dry	Fee	*
Continental Oil Co.	Stensvad	9	C NE SE 9 11N 31E	5,450	Oil	Fee	*
Continental Oil Co.	Conoco-Barker-Dodge-Hoffman	2	C SE NW 29 11N 31E	4,710	Dry	Fee	*
Gay & Heringer	DeJaegher	7	C NW NE 32 11N 31E	4,685	Oil	Fee	*
Great Northern Drlg. Co., Inc.	Calif. Oil Co.	1	SW SW SE 14 10N 26E	3,272	Dry	Fee	*
Great Northern Drlg. Co., Inc.	Barker et al	1	C SE SE 32 10N 30E	4,564	Dry	Fee	**
Great Northern Drlg. Co., Inc.	State	1	C NE SW 26 11N 30E	4,654	Dry	State	*
Great Northern Drlg. Co., Inc.	Butts	1	C SW NE 26 11N 30E	4,678	Dry	Fee	*
Juniper Oil & Min. Co.	L. Holmberg	1	C NW SE 33 10N 30E	4,644	Dry	Fee	**
Juniper Oil & Min. Co.	Fed. (Mont. 038485)	1	C SW SW 10 11N 30E	3,800	Oil	Gov't	*
McAlester Fuel Co.	Fed.	2	C NW SW 10 11N 30E	3,840	Oil	Gov't	*
Mule Creek Oil Co., Inc.	Shelhamer	A-4	C SE SE 8 11N 30E	3,779	Oil	Fee	*
Petroleum, Inc.	Tena McCall et al	1	C SW NE 24 11N 30E	4,466	Dry	Fee	*
States Oil Co.	C. A. Ward Estate	1	C NW NW 10 10N 28E	4,127	Dry	Fee	**
States Oil Co.	Zula Howell	1	C NE NE 17 11N 30E	3,902	Oil	Fee	*
TEXACO Inc.	W. H. Manion	6	C NE SW 19 11N 30E	4,360	Dry	Fee	**
TEXACO Inc.	N.P. "B" (NCT-1)	15	C SE SE 9 11N 30E	3,805	Oil	Fee	*
TEXACO Inc.	C. H. Moffett	4	NW NW NW 19 10N 27E	3,170	Oil	Fee	*
TEXACO Inc.	W. H. Manion	7	SW SW SW 18 10N 27E	3,150	Dry	Fee	*
			C NE SE 9 11N 30E	3,775	Dry	Fee	*
Total of 27 Wells Completed: 19 Dry Holes, 8 Oil Wells; 24 on Fee Lands, 1 on State Land, 2 on Gov't Lands; 19 Development Wells, 8 Wildcat Wells. Total footage drilled was 115,258 feet.							

PARK COUNTY

Montana Power Company	Strong	1	EC SE SW 11 2S 9E	6,150	Dry	Fee	**
Superior Oil Co.	Windsor	22-25	C SE NW 25 1S 11E	8,990	Dry	Fee	**
Total of 2 Wells Completed: 2 Dry Holes; 2 on Fee Lands; 2 Wildcat Wells. Total footage drilled was 15,140 feet.							

PETROLEUM COUNTY

Cardinal Petr. Co.	Gov't	13-28	SW SW SW 28 16N 28E	2,634	Dry	Gov't	**
Continental Oil Co.	Cat Creek Unit No. 1 Gov't	1	WC SE 11 15N 29E	1,655	Dry	Gov't	*
Continental Oil Co.	Cat Creek Unit No. 1 Gov't	50	NC NW 14 15N 29E	1,700	Dry	Gov't	*
Humble Oil & Ref. Co.	M. R. Delaney	1	C SW SW 17 17N 24E	4,540	Dry	Fee	**
Total of 4 Wells Completed: 4 Dry Holes; 1 on Fee Land, 3 on Gov't Lands; 2 Development Wells, 2 Wildcat Wells. Total footage drilled was 10,529 feet.							

PHILLIPS COUNTY

Amerada Petr. Corp.	U.S.A. Poppler, Tr. 1	1	C NW NE 23 37N 27E	4,210	Dry	Gov't	**
Jas. F. Smith	Mont. 046041	1-11	C SE 11 32N 31E	1,103	Dry	Gov't	*
Total of 2 Wells Completed: 2 Dry Holes; 2 on Gov't Lands; 1 Development Well, 1 Wildcat Well. Total footage drilled was 5,313 feet.							

PONDERA COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Develop- ment **Wildcat
Chas. W. Austin, et al.	Stoltz	1	C SW NE 10 31N 6W	3,316	Oil	Fee	**
Continental Oil Co.	Conoco-Yellow Owl	1	C SE NE 8 31N 6W	3,535	Oil	Indian	**
Farmers Union Central Exch.	Nels Hemstad	1	C NW NW 20 26N 2E	4,224	Dry	Fee	**
Miles Jackson, Inc. et al.	Harvey Anderson	1	C SE SW 13 31N 6W	3,342	Dry	Fee	**
Miles Jackson, Inc.	Rutherford	1	C NE SE 15 31N 6W	3,330	Oil	Fee	*
Miles Jackson, Inc.	Thos. Medicine Bull	1	C SW NW 9 31N 6W	3,460	Oil	Indian	**
Miles Jackson & Chas. W. Austin	Tribal	1	C SW NE 31 31N 6W	3,650	Dry	Indian	**
Miles Jackson & Chas. W. Austin	Thos. Medicine Bull	2	C NE NW 9 31N 6W	3,410	Oil	Indian	*
Miles Jackson & Chas. W. Austin	Thos. Medicine Bull	3	C NE SW 9 31N 6W	3,446	Oil	Indian	**
Montalban Oils Inc.	State M.G.-N.N.G.	1	C SE SE 36 28N 7W	3,382	Oil	State	*
Montalban Oils Inc.	M. Thompson	2	SW NE SE 4 27N 2W	1,412	Gas	Fee	*
Montalban Oils Inc.	Miami Colony	1	C SE NW 14 28N 6W	3,212	Dry	Fee	**
Montalban Oils Inc.	M. Thompson	3	NW SE SE 4 27N 2W	1,425	Oil	Fee	*
Texas-Alberta Oil Corp.	E. Weikum	13D	NE NW NW 27 27N 2W	1,580	Oil	Fee	*
Texas-Alberta Oil Corp.	L. Schlepp	16B-28	NE NE NE 28 27N 2W	1,570	Oil	Fee	*
Texas-Alberta Oil Corp.	L. Schlepp	1-B	SW SE SE 21 27N 2W	1,542	Oil	Fee	*
Texas-Alberta Oil Corp.	L. Schlepp	1-D	NE SE SE 21 27N 2W	1,542	Oil	Fee	*
Texas-Alberta Oil Corp.	E. Schlepp	4C	NW SW SW 22 27N 2W	1,527	Oil	Fee	*
Texas-Alberta Oil Corp.	L. Schlepp	16D	EC NE NE 23 27N 2W	1,572	Oil	Fee	*
Total of 19 Wells Completed: 4 Dry Holes, 1 Gas Well, 14 Oil Wells; 13 on Fee Lands, 1 on State Lands, 5 on Indian Lands; 11 Development Wells, 8 Wildcat Wells. Total footage drilled was 50,477 feet.							

POWDER RIVER COUNTY

Ambassador Oil Corp.	Fed. Mont. 036457	1	Lot 12 9 7S 47E	8,917	Dry	Gov't	**
Gulf Oil Corp.	J. P. Holm	1	SW SE 2 1S 48E	5,885	Dry	Fee	**
Shell Oil Company	Sharples	12-26	C SW NW 26 5S 49E	7,715	Dry	Fee	**
Shell Oil Company	Sharples-Gov't	14-10	C SW SW 10 5S 49E	7,935	Dry	Gov't	**
Shell Oil Company	Sharples (Gov't) 032017-A	21-30	WC NE NW 30 6S 50E	8,108	Dry	Gov't	**
Total of 5 Wells Completed: 5 dry Holes; 2 on Fee Lands, 3 on Gov't Lands; 5 Wildcat Wells. Total footage drilled was 38,560 feet.							

PRAIRIE COUNTY

Shell Oil Company	N.P.A-7	44-17	WC SE SE 17 11N 54E	2,150	Dry	Fee	**
-------------------	---------	-------	---------------------	-------	-----	-----	----

RICHLAND COUNTY

Continental Oil Co.	Conoco-Peterson 7	1	WC SW NE 7 26N 52E	9,773	Dry	Fee	**
LR & G Exploration Asso.	Sawyer	1	NE SW NE 4 23N 57E	9,540	Dry	Fee	**
McAlester Fuel Co.	N.P. Ry. Vaira	B-1	C NE NE 35 25N 54E	11,860	Oil	Fee	**
McAlester Fuel Co.	N.P. Ry. Vaira	B-2	SW NE NW 35 25N 54E	12,166	Oil	Fee	*
Paul F. Rutledge	Petersen, Justice, Christensen	1	SE NW NW 34 24N 58E	9,500	Oil	Fee	*
Rutledge, Rudman, Dorfman & Cantina	N.P. R.R.-T. S. Bentson	1	C SE 19 24N 58E	9,436	Oil	Fee	*
Total of 6 Wells Completed: 2 Dry Holes, 4 Oil Wells; 6 on Fee Lands; 3 Development Wells, 3 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 62,275 feet.							

ROOSEVELT COUNTY

Amerada Petr. Corp.	H. W. Quitmeyer Tr 1	1	C NW NW 17 32N 53E	11,000	Dry	Fee	**
Brinkerhoff Drig. Co.	Lund	1	C SE SW 25 31N 46E	7,626	Dry	Fee	**
Calvert Expl. Co.	Mahlum	1	NE SW SE 29 31N 47E	7,650	Dry	Fee	*
Calvert Expl. Co.	Tribal-Olson	1	NW SE NW 34 31N 47E	7,651	Dry	Indian	*

ROOSEVELT COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Develop- ment **Wildcat
Davis Oil Co.	Rusche-Forsness	1	C NE SE 35 30N 47E	7,735	Dry	Fee	**
Exploration Drlg. Co.	Ben Holte	1	C SW SW 9 30N 49E	7,949	Dry	Fee	**
Lyda Hunt-Herbert Trusts.	John McLachlan et al.	1	NW SE NW 20 31N 47E	7,842	Dry	Fee	**
Murphy Corporation	Fort Peck Tribal "A"	1	NW SE NW 36 31N 47E	7,804	Oil	Indian	**
Murphy Corporation	Wetsit	1	SW NE SW 36 31N 47E	7,830	Dry	Gov't	*
Phillips Petr. Co.	McCauley	1	C NW NW 35 30N 57E	8,771	Oil	Fee	**
Phillips Petr. Co.	Kao	1	C NW SE 27 30N 57E	9,190	Dry	Fee	**
Placid Oil Co.	Dolezilek	1	NE SW SW 26 29N 49E	7,600	Dry	Fee	**
Placid Oil Co.	DeMarrias	1	NW SE NW 8 30N 46E	7,390	Dry	Gov't	**
Placid Oil Co.	D. L. Trimble	1	SW NE NE 8 30N 46E	7,437	Dry	Fee	**
T. D. Sheldon & S. L. McClaren	Trinder	1	C SE SE 5 31N 51E	5,766	Dry	Gov't	**
Shell Oil Company	Tribal 14-20-256-1920	42X-35	EC NE 35 31N 47E	7,670	Dry	Indian	*
Signal Drlg. & Expl., Inc.	Houg	1	C NW NE 12 30N 47E	7,060	Dry	Fee	*

Total of 17 Wells Completed: 15 Dry Holes, 2 Oil Wells; 11 on Fee Lands, 3 on Gov't Lands, 3 on Indian Lands; 6 Development Wells, 11 Wildcat Wells; 2 Successful Wildcats.
Total footage drilled was 134,001 feet.

ROSEBUD COUNTY

Anschutz Oil Co., Inc.	Sibley	1	C NW NW 11 10N 31E	4,850	Oil	Fee	**
Anschutz Oil Co., Inc.	Kinchloe	1	C SE SW 2 10N 31E	4,855	Dry	Fee	**
Anschutz Oil Co., Inc.	Adams	1	C NW NW 27 10N 31E	5,258	Dry	Fee	**
Anschutz Oil Co., Inc.	Kesterson-Fed. Land Bank	1	C SE SE 27 10N 33E	4,989	Dry	Gov't	**
Anschutz Oil Co., Inc.	Magelsen	1	C SW SW 14 9N 31E	4,925	Dry	Fee	**
Anschutz Oil Co., Inc.	Savage Ranch	1	C NW NW 12 12N 33E	4,974	Dry	Fee	**
Cardinal Petr. Co.	Shiner Heirs	1	C NW NW 9 9N 32E	6,050	Dry	Fee	**
Cardinal Petr. Co.	N.P. Nat. Bulk	8-7	C SE NE 7 11N 33E	6,100	Dry	Fee	**
Cardinal Petr. Co.	N.P.	13-27	C SE SW 27 12N 35E	4,450	Dry	Fee	**
Continental Oil Co.	Kincheloe "F"	1	C NW NE 17 11N 32E	4,830	Oil	Fee	*
Continental Oil Co.	Conoco-State	1	C NE NW 24 11N 31E	4,655	Dry	State	*
Great Northern Drlg. Co., Inc.	Johnson, Abel, Bancroft	1	EC SW SW 34 4N 44E	4,541	Dry	Fee	*
Gulf Oil Corp.	Roy Lund	1	WC NE NE 29 5N 42E	5,948	Dry	Fee	**
Gulf Oil Corp.	John Perry	1	C SW SW 31 4N 44E	5,240	Dry	Fee	**
Gulf Oil Corp.	Philbrick	1	C NW NW 16 5N 42E	5,688	Dry	Fee	**
Gulf Oil Corp.	Batey	1	C SW NW 25 11N 32E	5,110	Dry	Fee	**
Juniper Oil & Min. Co.	Ottman	5	C NW SW 25 11N 32E	4,991	Oil	Fee	*
Juniper Oil & Min. Co.	O'Neill	4	C NW SW 25 11N 32E	3,933	Dry	Fee	**
Juniper Oil & Min. Co.	N.P. R.R.	1	C SW SW 1 9N 34E	4,707	Dry	Fee	**
Juniper Oil & Min. Co.	N.P. Ry.	1	Lot 12 33 12N 33E	5,975	Dry	Fee	**
Mule Creek Oil Co., Inc.	J. L. Midkiff	1-148	C SW SW 8 9N 32E	6,035	Dry	Fee	**
Occidental Petr. Corp.	State M-5767-59	1	SE SE SE 9 11N 33E	6,250	Dry	State	*
The Ozark Corp.	V. P. Davidson	1	C SW SW 15 3N 43E	5,700	Dry	Fee	**
The Ozark Corp.	Mont. 046008 (Belle Jackson)	1	C SE SE 28 5N 44E	5,714	Dry	Gov't	**
The Ozark Corp.	Mont. 030875 (Gov't-Walters)	1	EC NW NE 12 3N 42E	5,571	Dry	Gov't	**
The Ozark Corp.	Pauline Friez	1	C SW SW 32 5N 40E	5,574	Dry	Fee	**
The Pure Oil Co.	C. L. Haney	1	C SE NE 10 10N 31E	4,870	Dry	Fee	*
Sumatra Oil Corp.	DeJaeger	2	C SE NE 22 11N 31E	4,420	Oil	Fee	**
TEXACO Inc.	Otto Stensvad	1	C SW NW 23 11N 31E	4,500	Oil	Fee	*
TEXACO Inc.	E. L. Grebe	15	C SW SW 15 11N 32E	5,085	Dry	Fee	*
A. P. Waggoner Drlg. Co.	O'Neill-Ottman	1	SE SE NE 26 11N 32E	4,949	Dry	Gov't	*

Total of 31 Wells Completed: 26 Dry Holes, 5 Oil Wells; 25 on Fee Lands, 2 on State Lands, 4 on Gov't Lands; 12 Development Wells, 19 Wildcat Wells; 2 Successful Wildcats.
Total footage drilled was 160,737 feet.

SHERIDAN COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Develop- ment **Wildcat
Great Northern Drlg. Co.	Haugen	1	SW SE SE 1 37N 56E	6,573	Dry	Fee	*
Jack J. Grynberg	Muller	1	NC NW NW 29 32N 59E	8,000	Oil	Fee	*
Humble Oil & Ref. Co.	State	1	CNW SW 16 37N 56E	10,470	Dry	State	**
Signal Drlg. & Expl., Inc.	Carl Petersen	1	C NE SE 19 35N 53E	7,205	Oil	Fee	**
Signal Drlg. & Expl., Inc.	Rasmussen, etc.	1	C SE SW 35 35N 56E	7,330	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Ueland	1	SW SE NE 19 34N 56E	9,085	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Thuesen	1	WC NW NE 14 34N 57E	7,345	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Morin 1	1	C SE NE 6 31N 58E	8,000	Dry	Indian	**
Signal Drlg. & Expl., Inc.	Johnson	1	C SW SE 8 33N 57E	9,080	Dry	Fee	**
Signal Drlg. & Expl., Inc.	L. Hansen	1	SC NE NW 20 35N 58E	7,150	Dry	Fee	**
Signal Drlg. & Expl., Inc.	A. Lagerquist	1	C SE SW 9 35N 58E	8,542	Oil	Fee	**
Signal Drlg. & Expl., Inc.	Nelson	1	NC SW NW 14 35N 57E	7,207	Dry	Fee	**
Sinclair Oil & Gas Co.	F. Hoffelt	1	C SE SW 32 32N 59E	8,671	Dry	Fee	*
Sun Oil Co.	N. F. Williamson	1	C SE SW 27 32N 58E	7,931	Oil	Fee	*
Sun Oil Co.	M. Hellegaard	1	SE SE NE 8 37N 57E	10,438	Oil	Fee	**
Sun Oil Co.	M. Hellegaard	A-2	WC SE NW 8 37N 57E	8,035	Oil	Fee	*
Sun Oil Co.	M. Hellegaard	3	NC SE SE 5 37N 57E	8,092	Dry	Fee	*
Sun Oil Co.	A. McKinnon	1	C SE NW 9 37N 57E	8,051	Oil	Fee	*
Sun Oil Co.	G. W. Strake-Gov't	1	C NW NE 7 37N 55E	7,960	Dry	Gov't	**
Superior Oil Co.	Ostby	44-27	C SE SE 27 31N 58E	12,527	Dry	Fee	**
Texota Oil Co.	E. J. Olson	1	C NW NE 25 32N 58E	7,893	Dry	Fee	*

Total of 21 Wells Completed; 14 Dry Holes, 7 Oil Holes, 1 on State Land, 1 on Gov't Land, 1 on Indian Land; 8 Development Wells, 13 Wildcat Wells; 2 Successful Wildcats. Total footage drilled was 175,535 feet.

STILLWATER COUNTY

Cardinal Petr. Co.	State	13-36	C SW SW 36 4N 20E	2,978	Dry	State	**
--------------------	-------	-------	-------------------	-------	-----	-------	----

TETON COUNTY

Montalban Oils Inc.	Chester Thomas	1	C NW NE 28 27N 8W	4,431	Dry	Fee	**
Montalban Oils Inc.	Lewis Grain Co.	1	SE NW NW 32 26N 1E	4,010	Dry	Fee	*
Pan American Petr. Corp.	State D	1	C SW NW 16 23N 1W	3,852	Dry	State	**
Pan American Petr. Corp.	Erickson et ex-Sheridan	1	C SE SE 34 24N 1E	3,924	Dry	Fee	**
Schermerhorn Oil Corp.	Pedersen	1	SC SE SE 32 25N 2W	1,724	Dry	Fee	**
Perl Smith	State	1	NW SW SE 4 27N 5W	4,836	Oil	State	*
Sumatra Oil Corp.	Read	1	SE SW NE 8 27N 5W	2,535	Dry	Fee	*
Sumatra Oil Corp.	Jones	37-2	NW SE SW 2 27N 5W	2,403	Oil	Fee	*
Sumatra Oil Corp.	Campbell	1	NE NE SW 4 27N 5W	2,507	Dry	Fee	*
Sumatra Oil Corp.	Coffey-Brownell	1	SE SE NW 10 27N 5W	2,521	Dry	Fee	*
TEXACO Inc.	Gov't-Pearson	1	NW SW SW 26 27N 9W	6,830	Gas	Gov't	**
Arthur R. Thayer	Roy Tokerud, et al	1	C NW NW 23 24N 2W	1,900	Dry	Fee	**

Total of 12 Wells Completed; 9 Dry Holes, 1 Gas Well, 2 Oil Wells; 9 on Fee Lands, 2 on State Lands, 1 on Gov't Land; 6 Development Wells, 6 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 41,473 feet.

TOOLE COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Development **Wildcat
Anderson, Moberly, Pattie, Good	Parsell	3	NE SW SW 15 37N 3E	2,910	Dry	Fee	*
Big West Oil Co. of Mont.	Shuler	1	C NE 23 33N 4W	1,852	Gas	Fee	**
Cardinal Petr. Co.	A. L. McBain	1	C SW NW 11 37N 4W	2,681	Dry	Fee	*
Cardinal Petr. Co.	O'Laughlin	1	SC SW NW 21 37N 1E	2,041	Dry	Fee	**
Crown Drilg Co.	Northwest Holding	1	NE NE NW 19 34N 2W	1,561	Oil	Fee	*
Lon Crumley, Trustee	Larson	11	SC NE SW 17 35N 2W	1,595	Oil	Fee	*
Lon Crumley, Trustee	Wolfer	26	SW NE NW 17 35N 2W	1,599	Oil	Fee	*
D-J-W Drilg. Co.	Twin County	1	SW SE NW 18 34N 2W	1,538	Oil	Fee	*
R. A. Heintz & M. C. Peterson	Sorrell	1	NE NW SW 18 34N 2W	1,560	Dry	Fee	*
C. J. Iverson	State	1	SW NE NE 16 37N 3E	2,833	Gas	State	*
Montalban Oils, Inc.	Ehli	1	C SW SE 28 37N 2W	3,910	Dry	Fee	**
The Montana Power Company	Frery	4	C NE SW 10 37N 4W	2,570	Oil	Fee	*
R. W. Parsell	R. F. Parsell	1	SE SE SW 10 37N 3E	2,915	Gas	Fee	*
Sumatra Oil Corp.	Parsell	1-A	SE SE NE 15 37N 3E	2,880	Gas	Fee	**
Sumatra Oil Corp.	R. F. Parsell	2	SE NW NW 15 37N 3E	2,887	Gas	Fee	*
Sumatra Oil Corp.	Parsell	63-10	NE SW NE 10 37N 3E	2,910	Oil	Fee	*
Sumatra Oil Corp.	Fey	63-20	NE SW NE 20 37N 3E	2,910	Dry	Fee	*
Sumatra Oil Corp.	Parsell	12X-11	C SW NW 11 37N 3E	2,905	Dry	Fee	*
Sumatra Oil Corp.	Parsell	34X-3	C SW SE 3 37N 3E	2,919	Dry	Fee	*
TEXACO Inc.	A. Kenny Non Joint	18	SW NE SE 15 35N 2W	1,585	Dry	Fee	*
TEXACO Inc.	C. Thisted	1	C NE NE 17 36N 1E	5,195	Gas	Fee	**
TEXACO Inc.	Glen E. Moffatt	1	C NE NE 30 34N 1W	4,300	Dry	Fee	*
Texas Pacific Coal & Oil Co.	Asa C. Abell No. 2	7	NW NW NE 26 35N 2W	1,310	Dry	Fee	*
Total of 23 Wells Completed: 11 Dry Holes, 6 Gas Wells, 6 Oil Wells; 22 on Fee Lands, 1 on State Land; 18 Development Wells, 5 Wildcat Wells, 3 Successful Wildcats. Total footage drilled was 59,366 feet.							

VALLEY COUNTY

Great Northern Drilg. Co.	Nyquest MO34591 No. 31-11	1	C SW SE 11 29N 40E	6,554	Dry	Gov't	**
---------------------------	---------------------------	---	--------------------	-------	-----	-------	----

WHEATLAND COUNTY

TEXACO Inc.	H. K. Griffith	1	C NE NW 12 6N 17E	4,970	Gas	Fee	**
TEXACO Inc.	N.P. "H" (NCT-1)	1	SE NW SE 1 6N 17E	2,578	Dry	Fee	*
Total of 2 Wells Completed: 1 Dry Hole, 1 Gas Well; 2 on Fee Lands; 1 Development Well, 1 Wildcat Well; 1 Successful Wildcat. Total footage drilled was 7,543 feet.							

WIBAUX COUNTY

Shell Oil Company	Unit	32X-24A	NE SW NE 24 11N 57E	9,436	Dry	Gov't	*
Shell Oil Company	Unit	44X-16A	SE SE SE 16 11N 57E	9,250	Dry	Fee	*
Total of 2 Wells Completed: 2 Dry Holes; 1 on Fee Land, 1 on Gov't Land; 2 Development Wells. Total footage drilled was 18,686 feet.							

YELLOWSTONE COUNTY

Champlin Oil & Refg. Co.	M. S. Doss Foundation	1	NW SE SW 20 3N 32E	6,225	Dry	Fee	**
Diamond B Industries	Mosser	5	NW SW NE 26 3S 24E	994	Oil	Fee	*
King Oil Company	Frazee	2	SW SW NE 23 2S 24E	1,003	Oil	Fee	*
Total of 3 Wells Completed: 1 Dry Hole, 2 oil Wells; 3 on Fee Lands; 2 Development Wells, 1 Wildcat Well. Total footage drilled was 8,222 feet.							

Summary of Wells Completed

July 1, 1962 to July 1, 1963

County	Wells Drilled				Type of Lease			Classification			Successful Wildcats	Total Footage
	Total	Oil	Gas	Dry	State	Indian	Gov't	Development	Wildcat	Fee		
Big Horn	7	2		5		3	1	3	4	3		28,456
Carbon	10	2	1	7			1	9	8		1	56,838
Carter	8			8			5	3	8			45,726
Cascade	1			1				1	1			4,415
Custer	8			8			3	5	8			49,875
Daniels	1			1				1	1			9,800
Dawson	9	5		4			2	7	2			86,697
Fallon	107	85	6	16	6		36	65	101	6		874,221
Fergus	1			1				1	1			4,580
Garfield	4			4				4	4			17,450
Glacier	25	17		8	2	4		19	25			75,224
Lewis and Clark	1			1				1	1			7,800
Liberty	22	13	4	5	9		4	9	19	3	1	64,931
McCone	10	3		7				10	5	5		89,561
Musselshell	27	8		19	1		2	24	19	8		115,258
Park	2			2				2	2			15,140
Petroleum	4			4			3	1	2	2		10,529
Phillips	2			2			2		1	1		5,313
Pondera	19	14	1	4	1	5		13	11	8		50,477
Powder River	5			5			3	2	5			38,560
Prairie	1			1				1	1			2,150
Richland	6	4		2				6	3	3	1	62,275
Roosevelt	17	2		15		3	3	11	6	11	2	134,001
Rosebud	31	5		26	2		4	25	12	19	2	160,737
Sheridan	21	7		14	1	1	1	18	8	13	2	175,585
Stillwater	1			1	1				1			2,978
Teton	12	2	1	9	2		1	9	6	6	1	41,473
Toole	23	6	6	11	1			22	18	5	3	59,366
Valley	1			1			1		1			6,554
Wheatland	2		1	1				2	1	1	1	7,548
Wibaux	2			2			1	1	2			18,686
Yellowstone	3	2		1				3	2	1		8,222
TOTALS	393	177	20	196	26	16	73	278	253	140	14	2,330,426

Wells Completed From July 1, 1963 To July 1, 1964

BIG HORN COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification #Develop- ment **Wildcat
Alpine Oil Co.	Knowles	1-B	SW NW NW 27 6S 32E	1,792	Dry	Fee	*
Amerada Petr. Corp.	Yellowmule	1	EC SE NW 6 6S 36E	6,521	Oil	Indian	**
Amerada Petr. Corp.	Crow "A"	1	NC SW SW 16 6S 36E	6,525	Oil	Indian	*
Amerada Petr. Corp.	Nan Fire Bear	1	SE SE SW 6 6S 36E	6,325	Dry	Indian	*
Amerada Petr. Corp.	Crow	1	C SW SW 21 6S 36E	6,568	Dry	Indian	*
Amerada Petr. Corp.	Crow "C"	1	NC SW NW 16 6S 36E	6,410	Dry	Indian	*
Amerada Petr. Corp.	Tribal	1	C NE NE 17 6S 35E	4,968	Dry	Indian	**
Amerada Petr. Corp.	Conoco-Hilda Westwood	1	WC SE NE 1 6S 35E	6,046	Oil	Fee	*
Continental Oil Co.	Crow	1	C SE NE 5 10S 38E	5,130	Dry	Indian	**
Humble Oil & Refg. Co.	Crow Tribal	1	WC SE SE 2 3S 35E	7,570	Dry	Indian	**
Kimbark Expl. Co.	Consolidated	1	SW SW SE 22 6S 32E	1,856	Dry	Fee	*
Wm. J. O'Connor & C. J. Heringer, Jr.	Kendrick	1	SE SW SE 35 1N 34E	4,640	Dry	Fee	*
Wm. J. O'Connor & C. J. Heringer, Jr.	Oftun	1	Lot 2 4 1S 34E	3,665	Dry	Fee	**
Tenneco Oil Co.	Crow Tribal	1	C SW NW 17 1S 37E	7,158	Dry	Indian	**

Total of 14 Wells Completed: 11 Dry Holes, 3 Oil Wells; 5 on Fee Lands, 9 on Indian Lands; 8 Development Wells, 6 Wildcat Wells, 1 Successful Wildcat. Total footage drilled was 75,174 feet.

BLAINE COUNTY

Great Northern Drlg. Co.	McCann	1	C SW SW 5 32N 24E	4,045	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Gov't	1	C NE NW 8 37N 18E	4,309	Dry	Gov't	**
Signal Drlg. & Expl., Inc.	J. L. Sprinkle Co.	1	C NW NW 13 37N 19E	4,360	Dry	Fee	**
Signal Drlg. & Expl., Inc.	L. A. Listou	1	C SW NE 24 35N 18E	4,117	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Gov't-M-056207	1	C SW SW 6 37N 21E	4,604	Dry	Gov't	**
Signal Drlg. & Expl., Inc.	Gov't-M-056208	1	C NW NE 8 34N 21E	4,400	Dry	Gov't	**
Signal Drlg. & Expl., Inc.	Brinkman	1	C SW NE 22 36N 19E	4,225	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Fed. (M-056215)	1	NC Lot 9 2 37N 21E	5,083	Dry	Gov't	**
Signal Drlg. & Expl., Inc.	O. W. Drugge	1	C SE NE 20 34N 21E	4,320	Dry	Fee	**
Signal Drlg. & Expl., Inc.	F. G. Torkelson	1	C SW NW 28 35N 19E	4,087	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Peterson-F. L. B.	1	C SE SW 18 33N 18E	3,865	Dry	Fee	**
Signal Drlg. & Expl., Inc.	May O'Hanlin	1	SE NW NW 17 34N 19E	4,015	Dry	Fee	**
Southern Union Prod. Co.	North Chinook Unit	1	C NE SE 16 35N 19E	6,442	Dry	Fee	**

Total of 13 Wells Completed: 13 Dry Holes; 9 on Fee Lands, 4 on Gov't Lands; 13 Wildcat Wells. Total footage drilled was 57,872 feet.

CARBON COUNTY

Lawrence Barker, Jr.	Henderson	2-16	C SE SE 2 6S 18E	5,380	Dry	Fee	*
Lawrence Barker, Jr.	Gov't	1	NC NE NW 29 9S 23E	6,365	Oil	Gov't	**
Cabeen Expl. Corp.	John McCune	1	C NE SE 14 6S 20E	8,797	Dry	Fee	**
Continental Oil Co.	Merrill	2	NE SW SW 34 9S 25E	3,663	Dry	Gov't	*
Farmers Union	M. R. Gauger	1	NC NW SE 6 6S 23E	3,540	Dry	Fee	**
King Oil Co. of Colo., Inc.	Big Blue	IX	NW NE SE 32 6S 18E	700	Dry	Fee	*
King Oil Co. of Colo., Inc.	Big Blue	2	SW NE SE 32 6S 18E	241	Dry	Fee	*
Pan American Petr. Corp.	Elk Basin-Jefferson-Big Horn	195	NW SW SE 35 9S 23E	6,240	Oil	Fee	*
Philip T. Sharples	U. S. 020574	1	SE NW SW 4 7S 21E	6,375	Dry	Gov't	*
Sinclair Oil & Gas Co.	EB Unit-NW-Tensleep	1	NC NW NE 29 9S 23E	6,085	Oil	Gov't	*

Total of 10 Wells Completed: 7 Dry Holes, 3 Oil Wells; 6 on Fee Lands, 4 on Gov't Lands; 7 Development Wells, 3 Wildcat Wells, 1 Successful Wildcat. Total footage drilled was 47,386 feet.

CARTER COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Develop- ment **Wildcat
Fremont Petr. Co.	W. C. Fruit	1	NE SE SE 23 7S 58E	2,061	Dry	Fee	**
Samuel Gary	Mont. 031077	1	C NE NE 14 5S 55E	6,115	Dry	Gov't	**

Total of 2 Wells Completed: 2 Dry Holes; 1 on Fee Land, 1 on Gov't Land; 2 Wildcat Wells. Total footage drilled was 8,176 feet.

CHOUTEAU COUNTY

Virgil R. Chamberlain	R. A. Rominger	6-18	C NE SW 18 23N 6E	1,493	Dry	Fee	**
Virgil R. Chamberlain	R. Rominger	11B-24	SW SE NW 24 23N 5E	1,477	Dry	Fee	**
Virgil R. Chamberlain	O. Gray	12B-19	SW SW NW 19 23N 6E	1,510	Dry	Fee	**
E & D Rossmiller	Shaw	1	C NE NW 3 25N 5E	2,300	Dry	Fee	**

Total of 4 Wells Completed: 4 Dry Holes; 4 on Fee Lands; 4 Wildcat Wells. Total footage drilled was 6,780 feet.

CUSTER COUNTY

Lawrence Barker Jr.	Gov't-09315A	1	NE SW SE 8 6N 47E	8,815	Dry	Gov't	**
Gulf Oil Co.	Bunday-Fed.	1	WC SE NW 12 2N 45E	5,585	Dry	Gov't	**

Total of 2 Wells Completed: 2 Dry Holes; 2 on Gov't Lands; 2 Wildcat Wells. Total footage drilled was 14,400 feet.

DANIELS COUNTY

Marathon Oil Co.	State 6293-61	1	C NE SE 31 36N 45E	8,487	Dry	State	**
Signal Drlg. & Expl. Co.	Wagner-Miller	1	SW SW SW 22 37N 45E	9,114	Dry	Fee	**
Superior Oil Co.	Suchy	44-26	C SE SE 26 33N 47E	9,310	Dry	Fee	**

Total of 3 Wells Completed: 3 Dry Holes; 2 on Fee Lands, 1 on State Land; 3 Wildcat Wells. Total footage drilled was 26,911 feet.

DAWSON COUNTY

E.L.K. Oil Co.	N. P.	1	NE SE NW 23 18N 55E	11,015	Dry	Fee	**
E.L.K. Oil Co.	N. P.	12-7	WC NW SW 7 20N 52E	10,840	Dry	Fee	**
Farmers Union Central Exch.	State 7068-63	1	NC SE NE 36 20N 54E	11,660	Dry	State	**
Shell Oil Company	N. P.	31-17	C NW NE 17 13N 55E	10,420	Dry	Fee	**
Shell Oil Company	Edmonson-Gov't	13X-2A	NE NW SW 2 13N 55E	9,100	Oil	Gov't	*
Shell Oil Company	Unit	23-21	SW NE SW 21 14N 55E	9,095	Oil	Gov't	*
Shell Oil Company	Unit	11X-21R	NC NW NW 21 14N 55E	9,045	Oil	Gov't	*
Sumatra Oil Corp.	Dahlman	21-14	C NE NW 14 15N 54E	9,600	Dry	Fee	*
TEXACO Inc.	N. P. "G"	2	C NW SE 17 14N 55E	8,875	Dry	Fee	*

Total of 9 Wells Completed: 6 Dry Holes, 3 Oil Wells; 5 on Fee Lands, 1 on State Land, 3 on Gov't Lands; 5 Development Wells, 4 Wildcat Wells. Total footage drilled was 89,650 feet.

FALLON COUNTY

Apco Oil Corp.	Woodsend	1	C SW SW 14 10N 60E	10,464	Dry	Fee	**
Continental Oil Co.	Conoco-N. P. 9	1	C SE SE 9 9N 59E	9,653	Dry	Fee	**
Pan American Petr. Corp.	M. O'Donnell "B"	1	C SE SW 4 7N 60E	9,131	Oil	Fee	*
Pan American Petr. Corp.	N. P. Ry. "T"	1	C SE NW 9 7N 60E	9,090	Oil	Fee	*
Pan American Petr. Corp.	N. P. Ry. "T"	2	C SE SW 9 7N 60E	9,060	Oil	Fee	*
Pan American Petr. Corp.	B. E. Dohner	1	C SE SW 26 7N 60E	9,100	Oil	Fee	*
Pan American Petr. Corp.	N. P. Ry. "R"	5	C SE NW 33 8N 60E	9,170	Oil	Fee	*

FALLON COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec., - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification #Development **Wildcat
Pan American Petr. Corp.	N. P. Ry. "W"	.....1	C SE SE 29 8N 60E	9,148	Oil	Fee	*
Pan American Petr. Corp.	N. P. Ry. "R"	.....6	C SE SE 33 8N 60E	9,150	Oil	Fee	*
Shell Oil Company	Griffith et al	44-8B	SC SE SE 8 7N 60E	8,862	Oil	Fee	*
Shell Oil Company	Gov't-Calana	24-15	C SE SW 15 8N 59E	8,835	Oil	Gov't	*
Shell Oil Company	Unit-N. P.	42-25	NC SE NE 25 6N 60E	8,760	Dry	Fee	*
Shell Oil Company	Gov't-Anderson	22-9R	C SE NW 9 8N 59E	8,860	Oil	Gov't	*
Shell Oil Company	N. P. (Unit 8A)	32-21	NC SW NE 21 5N 61E	8,575	Dry	Fee	*
Shell Oil Company	Lamp	42-30C	C SE NE 30 8N 60E	8,950	Oil	Fee	*
Shell Oil Company	J. Creel	22-32C	C SE NW 32 8N 60E	8,890	Oil	Fee	*
Shell Oil Company	Riley	44-22B	EC SE SE 22 7N 60E	9,045	Oil	Fee	*
Shell Oil Company	Gov't-Carter	44-5	C SE SE 5 8N 59E	8,930	Dry	Gov't	*
Shell Oil Company	Unit (N. P.)	42-3	C SE NE 3 6N 60E	8,905	Oil	Fee	*
Shell Oil Company	Gov't-Smith	44-13	NW SE SE 13 8N 59E	8,932	Oil	Gov't	*
Shell Oil Company	State 2142-48	23-16	NW NE SW 16 10N 58E	9,176	Oil	State	*
Shell Oil Company	N. P. (Unit)	24-15	NE SE SW 15 6N 60E	8,845	Oil	Fee	*
Shell Oil Company	Stumpf	22-34	C SE NW 34 7N 60E	8,910	Oil	Fee	*
Shell Oil Company	Ovens	32-6B	C Lot 2 6 7N 60E	8,815	Oil	Fee	*
Shell Oil Company	Anderson-Gov't	44-9	C SE SE 9 8N 59E	8,690	Oil	Gov't	*
Shell Oil Company	N. P. (Unit 8A)	31-19	NC NW NE 19 5N 61E	8,610	Dry	Fee	*
Shell Oil Company	N. P. (Unit)	24-11	SW SE SW 11 6N 60E	8,820	Oil	Fee	*
Shell Oil Company	Grove	24-12	C SE SW 12 8N 59E	9,030	Oil	Fee	*
Shell Oil Company	N. P.	44-19C	WC SE SE 19 8N 60E	8,977	Oil	Fee	*
Shell Oil Company	N. P.	24-29C	C SE SW 29 8N 60E	8,985	Oil	Fee	*
Shell Oil Company	M. Lamp	42-32C	WC SE NE 32 8N 60E	8,945	Oil	Fee	*
Shell Oil Company	P. McArthur	44-32C	SC SE SE 32 8N 60E	8,926	Oil	Fee	*
Shell Oil Company	A. Anderson	42-30B	NE SE NE 30 7N 60E	8,840	Oil	Fee	*
Shell Oil Company	N. P.	22-19C	SC SE NW 19 8N 60E	8,960	Oil	Fee	*
Shell Oil Company	Gov't 021068 (a)	42-9	SC SE NE 9 8N 59E	8,743	Oil	Gov't	*
Shell Oil Company	Norbeck-036587	42-2	NC SE NE 2 9N 58E	9,200	Oil	Gov't	*
Shell Oil Company	N. P. Kinney	22-29C	C SE NW 29 8N 60E	9,004	Oil	Fee	*
Shell Oil Company	Madler	41-12	EC NE NE 12 10N 57E	8,990	Oil	Fee	*
Shell Oil Company	Gov't-Anderson	24-20C	C SE SW 20 8N 60E	9,055	Oil	Fee	*
Shell Oil Company	A. S. Anderson "B"	42-11	SC SE SW 3 8N 59E	8,926	Dry	Gov't	*
Shell Oil Company	N. P.	42-19C	C SE NE 11 8N 59E	8,960	Oil	Gov't	*
Shell Oil Company	Madler	44-20C	C SE SE 20 8N 60E	8,980	Dry	Fee	*
Shell Oil Company	N. P. Unit	21-16	NE NE NW 16 10N 58E	9,173	Oil	Fee	*
Shell Oil Company	Unit-Conser-Taylor	42-8	NE SE NE 8 10N 58E	9,225	Dry	Fee	*
Shell Oil Company	N. P. Unit	31-21	NE NW NE 21 10N 58E	9,185	Dry	Fee	*
Shell Oil Company	Wingert	42-13	C SE NE 13 8N 59E	8,940	Oil	Fee	*
Shell Oil Company	Norbeck-Gov't	44-2	EC SE SE 2 9N 58E	8,893	Oil	Gov't	*
Shell Oil Company	M. E. P. L.	42-5	EC NE 5 8N 59E	8,775	Dry	Gov't	*
Shell Oil Company	State 2343-49	42X-16R	EC SE NE 16 8N 59E	8,850	Oil	State	*
Shell Oil Company	Gov't-Walker	24-18C	WC SE SW 18 8N 60E	8,950	Oil	Gov't	*
Shell Oil Company	N. P.	44-35	C SE SE 35 10N 58E	8,800	Dry	Fee	*
Shell Oil Company	N. P.	34X-35	SC SE 35 9N 58E	1,029	Dry	Fee	*
Shell Oil Company	Unit N.P.R.R.	34X-1	SE SW SE 1 10N 57E	8,710	Dry	Fee	*

Total of 54 Wells Completed: 15 Dry Holes, 39 Oil Wells; 40 on Fee Lands, 2 on State Lands, 12 on Gov't Lands; 52 Development Wells, 2 Wildcat Wells. Total footage drilled was 477,549 feet.

FERGUS COUNTY

Raymond Voegtly	Jones (11395)	.....1	NF NE NE 23 13N 23E	767	Dry	Fee	**
Westates Petr. Co.	Klakken Ranch	.....1	C SE SW 20 13N 23E	1,163	Dry	Fee	**

Total of 2 Wells Completed: 2 Dry Holes; 2 on Fee Lands; 2 Wildcat Wells. Total footage drilled was 1,930 feet.

GARFIELD COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification
Gulf Oil Corp.	Gulf-NPRR	1	C NE NW 15 16N 40E	8,596	Dry	Fee	**Development
M. D. McGregor & G. T. McAlpin.	NPRR	1	C SE SW 1 13N 33E	4,609	Dry	Fee	**Wildcat
Total of 2 Wells Completed: 2 Dry Holes; 2 on Fee Lands; 2 Wildcat Wells. Total footage drilled was 13,205 feet.							

GLACIER COUNTY

Cardinal Petr. Co.	Vasboe	1	SW SE NE 22 37N 5W	2,695	Gas	Fee	*
Cardinal Petr. Co.	Minnesota Farms	1	C NW SE 28 37N 5W	2,920	Dry	Fee	*
Miles Jackson, Inc.	Swensen	1	NE NW NW 11 37N 5W	2,827	Dry	Fee	*
Montana Power Company	Tribal 1845	1	SW NE SE 6 37N 7W	2,400	Gas	Indian	**
Montana Power Company	Tribal 1849	1	C NE 8 37N 7W	2,425	Gas	Indian	*
Montana Power Company	Two Med. Unit.	1-11	SC SE 11 31N 12W	9,871	Dry	Fee	**
Phillips Petr. Co.	Kiyo	1A	NC NW SW 35 30N 12W	11,769	Dry	Fee	**
Phillips Petr. Co.	S.W. Cut Bank Sand Unit.	76-W5	NE NW NE 30 32N 5W	2,922	Dry	Fee	*
TEXACO Inc.	N.E. Cut Bank Sand Unit Purdy	7	NW SE SW 35 35N 6W	2,930	Inj.-R	Fee	*
TEXACO Inc.	Lander S. U. Marceau-Rasmussen	2	SC N½ N½ 29 35N 6W	3,131	Inj.-R	Fee	*
TEXACO Inc.	Lander S. U. Marceau-Rasmussen	1	SC S½ S½ 20 35N 6W	3,140	Inj.-R	Fee	*
Union Oil Co. of Calif.	Lander S. U. Aronson	7	C NE SW 21 35N 6W	2,990	Inj.-R	Fee	*
Union Oil Co. of Calif.	Taylor-Spikes	2	C NE SE 34 36N 5W	2,901	Oil	Fee	*
Union Oil Co. of Calif.	Tribal 355	31	SE NE NW 10 37N 7W	3,654	Oil	Indian	*
Union Oil Co. of Calif.	Rasmussen	9	SC SW SW 33 33N 5W	2,920	Oil	Fee	*
Total of 15 Wells Completed: 5 Dry Holes, 3 Oil Wells, 4 Inj.-R Wells; 12 on Fee Lands, 3 on Indian Lands; 12 Development Wells, 3 Wildcat Wells, and 1 Successful Wildcat. Total footage drilled was 59,511 feet.							

GOLDEN VALLEY

Lawrence Barker, Jr.	Jensen	1	C SE SE 1 9N 21E	3,774	Dry	Fee	**
----------------------	--------	---	------------------	-------	-----	-----	----

HILL COUNTY

Lawrence Barker, Jr.	Bialek	1	C SW NE 14 30N 8E	2,493	Dry	Fee	**
Signal Drig. & Expl.	Shrauger	1	C NW SW 10 35N 16E	4,073	Dry	Fee	**
Signal Drig. & Expl.	Henry L. Hamblock	1	C SE SE 12 33N 15E	4,172	Dry	Fee	**
Signal Drig. & Expl.	Hellebust-Haber	1	C NW NW 10 33N 16E	4,000	Dry	Fee	**
Total of 4 Wells Completed: 4 Dry Holes; 4 on Fee Lands; 4 Wildcat Wells. Total footage drilled was 14,738 feet.							

JUDITH BASIN COUNTY

Arthur R. Thayer	Smith	1-13	C SW SE 13 19N 11E	1,150	Dry	Fee	**
------------------	-------	------	--------------------	-------	-----	-----	----

LIBERTY COUNTY

B & B Drig. Co.	Bingham	12-8	C NW SW 8 37N 5E	2,850	Oil	Fee	*
B & B Drig. Co.	Bingham	9-7	C NE SE 7 37N 5E	2,856	Oil	Fee	*
B & B Drig. Co.	Bingham	16-7	NC SE SE 7 37N 5E	2,800	Oil	Fee	*
Lawrence Barker, Jr.	Joy	21-11	C NE SW 21 35N 7E	2,167	Gas	Fee	**
Lawrence Barker, Jr.	Walden	5-14	C SE SW 5 31N 7E	3,303	Dry	Fee	**
Lawrence Barker, Jr.	Hodges	22-6	C NW 22 35N 7E	2,158	Dry	Fee	**

LIBERTY COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification #Development #Wildcat
Cardinal Petr. Co.	State-Darrow	1-16	C NE NE 16 37N 5E	2,970	Gas	State	*
Cardinal Petr. Co.	State-Darrow	7-9	SW SW NE 9 37N 5E	3,053	Oil	State	*
Cardinal Petr. Co.	Lauener	1	C SE SW 22 37N 5E	2,779	Dry	Fee	*
Cardinal Petr. Co.	Schafer	1	C NE NW 20 37N 5E	3,085	Gas	Fee	**
Cardinal Petr. Co.	Keith	1	C SE SE 20 36N 6E	2,965	Dry	Fee	**
Cardinal Petr. Co.	State	10-7	C NW SE 7 37N 5E	2,935	Oil	State	*
Cardinal Petr. Co.	State	7-7	EC SW NE 7 37N 5E	2,955	Dry	State	*
Cardinal Petr. Co.	State	13-12	C SW SW 12 35N 5E	3,238	Dry	State	*
Cardinal Petr. Co.	State	7-6	C SW NE 6 35N 6E	3,265	Dry	State	**
Cardinal Petr. Co.	State	11-16	C NE SW 16 37N 5E	3,067	Dry	State	*
Cardinal Petr. Co.	George Lauener	11-17	SC NE SW 17 37N 5E	2,938	Gas	Fee	*
Deltern Oil Co.	Montana 033895	14-8	NE SE SW 8 37N 5E	2,860	Oil	Gov't	*
Malcolm D. McGregor	Gray & Corcoran	1	C NW SE 24 37N 5E	3,104	Dry	Fee	**
Montana Power Company	Stratton	1	SE NW 7 36N 4E	2,653	Gas	Fee	*
Montana Power Company	Prescott	1	NC NW SE 33 36N 5E	1,434	Dry	Fee	*
R. W. Parsell	Gov't M-09179	1	NE SE NE 13 37N 4E	3,060	Oil	Gov't	*
Sands Oil Company	Iverson	1	NE SE SE 3 37N 4E	3,100	Gas	Fee	*
Sands Oil Company	Wallace	1	NW SW SW 4 37N 4E	2,800	Oil	Fee	*
Tom Vessels, Jr.	Gov't 047509	1	C SE NE 15 34N 4E	2,565	Oil	Gov't	**
Tom Vessels, Jr.	Federal M-038184	1-A-8	SW NE NE 8 37N 5E	3,122	Dry	Gov't	*
Tom Vessels, Jr.	Jessie Blair, et al.	1	C SE NW 15 34N 4E	2,527	Gas	Fee	**
Tom Vessels, Jr.	Meech	1	C NE SE 20 36N 4E	2,425	Dry	Fee	**
Tom Vessels, Jr.	Jesse Blair	2	C SW SE 10 34N 4E	2,667	Dry	Fee	**
Tom Vessels, Jr.	Donald Meech	2	SC NE SE 21 36N 4E	1,935	Dry	Fee	**
Tom Vessels, Jr.	M. Beaudoin, et al.	1	C NW SW 29 36N 4E	2,595	Dry	Fee	**

Total of 31 Wells Completed: 15 Dry Holes, 9 Oil Wells, 7 Gas Wells; 20 on Fee Lands, 7 on State Lands, 4 on Gov't Lands; 17 Development Wells, 14 Wildcat Wells, Total footage drilled was 86,231 feet.

McCONE COUNTY

Phillips Petr. Co.	Sievers	1	NC NW NW 30 24N 50E	9,895	Oil	Fee	**
Phillips Petr. Co.	NP "B"	1	SE NW SW 19 24N 50E	9,380	Dry	Fee	*
Phillips Petr. Co.	Berreth A	1	NW SE NE 25 24N 49E	9,360	Oil	Fee	*
States Oil Company	NPRR	1-17	NE SW NW 17 21N 48E	9,860	Dry	Fee	**
Western Nat. Gas Co.	Sam Correll	1	SE NW NW 34 22N 48E	9,346	Oil	Fee	*

Total of 5 Wells Completed: 2 Dry Holes, 3 Oil Wells; 5 on Fee Lands; 3 Development Wells, 2 Wildcat Wells; 1 Successful Wildcat. Total footage drilled was 47,841 feet.

MUSSELSHELL COUNTY

British-American Oil Prod. Co.	Mont. 5522-59	E-1	C SW SE 36 11N 30E	4,773	Oil	State	*
British-American Oil Prod. Co.	Mont. 5522-59 State "E"	2	C Lot 4 36 11N 30E	4,803	Oil	State	*
Continental Oil Co.	Conoco, Barker, Hoffman, Dodge	3	C SE SE 29 11N 31E	4,719	Dry	Fee	*
Forest Oil Corp.	NPRR	1-2	C NW SW 1 10N 27E	3,936	Dry	Fee	**
Great Northern Drlg. Co., Inc.	Holland	1	C SE SE 14 8N 30E	6,979	Dry	Fee	**
Great Northern Drlg. Co., Inc.	NPRR	1	NC SW SE 1 9N 22E	3,410	Dry	Fee	**
Juniper Oil & Min. Co.	State 6474-61	1	C NW NW 16 11N 30E	3,850	Oil	State	*
Juniper Oil & Min. Co.	Federal	3	C SE SW 10 11N 30E	3,925	Dry	Gov't	*
Juniper Oil & Min. Co.	Butts	1	C NE NE 1 10N 30E	4,832	Oil	Fee	*
Juniper Oil & Gas. Co.	Fed.-Mont. 09104	1	WC NW NW 6 10N 31E	4,864	Dry	Gov't	*
Mule Creek Oil Co., Inc.	Paulson	1-1313	NC NW SW 13 11N 30E	4,316	Dry	Fee	**

MUSSELSHELL COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Development **Wildcat
Occidental Petr. Corp.	Gov't Kranzler-057919	1	C NE NW 21 9N 23E	3,652	Oil	Gov't	**
Occidental Petr. Corp.	NP Ry	1	C NW NW 21 9N 23E	3,372	Oil	Fee	*
Occidental Petr. Corp.	Gov't Kranzler-057919	2	C SE NW 21 9N 23E	3,542	Oil	Gov't	**
Occidental Petr. Corp.	Gov't Kranzler-057919	3	C SW NW 21 9N 23E	3,558	Oil	Gov't	**
Occidental Petr. Corp.	Mont.-7138-63	1	C SW SW 16 9N 23E	3,590	Oil	State	*
Occidental Petr. Corp.	N. P. R. R.	2	C SE SE 17 9N 23E	7,482	Oil	Fee	*
Occidental Petr. Corp.	Gov't Rath Mont. 057918-A	1	C NE NE 20 9N 23E	3,601	Oil	Gov't	*
Occidental Petr. Corp.	Gray	1	C NW NE 20 9N 23E	3,644	Dry	Fee	*
John Snyder	Gov't M-040713	1-20	SE SE SW 20 11N 31E	4,707	Dry	Gov't	*
States Oil Co.	C. A. Ward Estate	2	C SE NE 17 11N 30E	3,954	Dry	Fee	*
Sumatra Oil Corp	Stensvad et al	43-35	NE NE SE 35 11N 30E	4,790	Oil	Fee	*
TEXACO Inc.	N. P. "B" (NCT-3)	3	EC SW SW 17 10N 27E	3,175	Oil	Fee	*
TEXACO Inc.	N. P. "B" (NCT-3)	4	C W½ W½ SW 17 10N 27E	3,089	Oil	Fee	*
TEXACO Inc.	A. S. Zoerb.	5	C E½ E½ SE 18 10N 27E	3,030	Dry	Fee	*
Total of 25 Wells Completed: 11 Dry Holes, 14 Oil Wells; 14 on Fee Lands, 4 on State Lands, 7 on Gov't Lands; 13 Development Wells, 7 Wildcat Wells. Total footage drilled was 105,803 feet.							

PARK COUNTY

Montalban Oils, Inc.	N. P. R. R.	1	C SW SE 5 3S 12E	2,725	Dry	Fee	**
----------------------	-------------	---	------------------	-------	-----	-----	----

PETROLEUM COUNTY

Cardinal Petr. Co.	U. S. Gov't	12-24	C NW SW 24 16N 26E	2,181	Dry	Gov't	**
Cardinal Petr. Co.	U. S. Gov't	16-33	C SE SE 33 14N 26E	2,555	Dry	Gov't	**
Charles E. Tower	Gov't M-041949	1	NW SW NE 20 15N 30E	1,735	Dry	Gov't	*
Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands; 1 Development Well, 2 Wildcat Wells. Total footage drilled was 6,471 feet.							

PHILLIPS COUNTY

Amerada Petr. Corp.	Phillips Co-op	1	C SE NE 2 36N 27E	4,070	Dry	Fee	**
Signal Drilg. & Expl.	O. J. Severson	1	C SW SW 26 37N 27E	4,106	Dry	Fee	**
Tenneco Oil Company	R. C. Long	1	C NW SW 17 35N 27E	4,290	Dry	Fee	**
Total of 3 Wells Completed: 3 Dry Holes; 3 on Fee Lands; 3 Wildcat Wells. Total footage drilled was 12,466 feet.							

PONDERA COUNTY

Chas. W. Austin, et al.	Charles Stoltz	2	WC SE NW 10 31N 6W	3,340	Oil	Fee	*
H. J. Broers	Thompson	2	NE SW SE 4 27N 2W	1,500	Oil	Fee	*
Humble Oil & Refg. Co.	T. McAlpine	1	C NW NW 10 30N 6W	3,484	Dry	Fee	**
Montalban Oils, Inc.	State 5125-57	3	C SW SE 36 28N 7W	2,910	Oil	State	*
Montalban Oils, Inc.	M. Thompson	4	NE NE SE 4 27N 2W	1,700	Oil	Fee	*
Montalban Oils, Inc.	Dabney-Stokes	1	C SE SE 27 28N 7W	3,762	Dry	Fee	*
Montalban Oils, Inc.	Bills "B"	7 "B"	C NW SW 31 28N 6W	2,873	Oil	Fee	*
Montalban Oils, Inc.	State 5125-57	2	SC NE SE 36 28N 7W	3,340	Dry	Fee	*
Montalban Oils, Inc.	Bills "B"	8 "B"	SE SW NW 31 28N 6W	2,890	Oil	Fee	*
Sunray DX Oil Co.	E. Tribe	1	C SW NW 10 31N 6W	3,403	Oil	Indian	*
Sunray DX Oil Co.	B. Tribe	2	C NW NW 10 31N 6W	3,379	Oil	Indian	*
Texota Oil Co.	Tribal	H-1	C NW NW 2 31N 6W	3,324	Oil	Indian	*
Texota Oil Co.	Tribal-1078	H-2	C SW NW 2 31N 6W	3,228	Oil	Indian	*
Total of 13 Wells Completed: 3 Dry Holes, 10 Oil Wells; 8 on Fee Lands, 1 on State Land, 4 on Indian Lands; 12 Development Wells, 1 Wildcat Well. Total footage drilled was 39,133 feet.							

POWDER RIVER COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification #Development-Wildcat
Centennial Oil Co.	Gov't	1	EC SW SW 33 6S 53E	6,950	Dry	Gov't	**
Samuel Gary	Mont. 025273	1	NE NW NW 33 7S 54E	6,884	Dry	Gov't	**
Samuel Gary	Arthur Stuver	1	C NE NE 6 6S 52E	7,079	Dry	Fee	**
Great Northern Drlg. Co. Inc.	Gov't	1	SE SE SE 15 5S 53E	6,786	Dry	Gov't	**
Gulf Oil Corp.	Cottonwood-State	1	C SW NE 16 1S 48E	6,006	Dry	State	**
Humble Oil & Refg. Co.	NPRR-Alderman	1	C SE SW 31 3S 50E	9,330	Dry	Fee	**
Mule Creek Oil Co.	Johnson Gov't 06222	1-4419	C SE SE 19 6S 53E	4,964	Dry	Gov't	**
Total of 7 Wells Completed: 7 Dry Holes; 2 on Fee Lands, 1 on State Land, 4 on Gov't Lands; 7 Wildcat Wells. Total footage drilled was 47,999 feet.							

PRairie COUNTY

Shell Oil Company	N. P.	44-17A	WC SE SE 17 11N 54E	9,960	Dry	Fee	**
-------------------	-------	--------	---------------------	-------	-----	-----	----

RICHLAND COUNTY

Continental Oil Co.	U. S. A.-Roberts	1	WC NW SW 29 24N 55E	12,040	Dry	Gov't	**
McAlester Fuel Co.	Mont. State	B-1	SE NW NW 36 25N 54E	11,728	Oil	State	*
McAlester Fuel Co.	N. P. Ry.	C-1	NE SW SE 27 25N 54E	11,780	Oil	Fee	*
Total of 3 Wells Completed: 1 Dry Hole, 2 Oil Wells; 1 on Fee Land, 1 on State Land, 1 on Gov't Land; 2 Development Wells, 1 Wildcat Well. Total footage drilled was 35,548 feet.							

ROOSEVELT COUNTY

Brinkerhoff Drlg. Co.	Indian 14-20-256-137	1	C SE NW 36 30N 47E	7,670	Oil	Indian	**
British-American Oil Prod. Co.	Albert M. Stai	1	SW NE SW 31 31N 48E	7,750	Dry	Fee	*
Elk Oil Company	Alma Herting	1	C SE NW 18 30N 48E	7,896	Dry	Fee	*
Grace-Ford Oil & Gas Co.	Ft. Peck A. L.	1	C SW NW 33 30N 48E	7,659	Dry	Indian	**
Murphy Corporation	12476 Morris	1	SW SW 8 30N 48E	7,772	Dry	Fee	**
W. C. Partee	State-Baleron	1	C SE NW 16 30N 57E	8,526	Dry	State	**
Phillips Petr. Co.	McCauley	2	SE NW SE 35 30N 57E	8,830	Dry	Fee	**
Phillips Petr. Co.	Picard A.	1	C SW NW 27 30N 58E	9,150	Dry	Fee	**
Shell Oil Company	Indian A-023295	33-36	C NW SE 36 29N 46E	7,725	Dry	Indian	**
Shell Oil Company	Tribal	21X-25	SW NE NW 25 31N 47E	7,700	Dry	Indian	*
Signal Drlg. & Expl., Inc.	Romo	1	NE NE NW 24 27N 58E	9,452	Dry	Fee	**
Skelly Oil Co.	W. F. Peterson	1	C SW SW 7 30N 59E	9,022	Dry	Fee	**
Tenneco Oil Co.	A. J. Manning	1	C NW NE 5 31N 51E	8,649	Dry	Fee	**
Tenneco Oil Co.	Alma Herting	1	SE NE SW 18 30N 48E	7,732	Dry	Fee	*
Total of 14 Wells Completed: 13 Dry Holes, 1 Oil Well; 9 on Fee Lands, 1 on State Land, 4 on Gov't Lands; 4 Development Wells, 10 Wildcat Wells. Total footage drilled was 115,533 feet.							

ROSEBUD COUNTY

Cardinal Petr. Co.	Fenn, et al	1	EC NE SW 22 11N 31E	4,340	Dry	Fee	**
Continental Oil Co.	Kincheloe "D"	4	C SE NE 25 11N 31E	4,751	Dry	Fee	*
Farmers Union Central Exch.	N. P.	1-A	C SW SW 3 12N 33E	4,942	Dry	Fee	**
Hugh W. Ford & David W. Barrett	N. P.	1-9	C SE SE 9 8N 44E	5,352	Dry	Fee	**
Fremont Petr. Co.	Fed. Mont. 028991-Zaerr	1	C NW SE 20 10N 39E	3,750	Dry	Gov't	**
Great Northern Drlg. Co., Inc.	N. P. R. R.	1	C NW NW 21 11N 38E	4,018	Dry	Fee	**
Great Northern Drlg. Co., Inc.	Gov't	1	C SW SW 20 9N 36E	4,998	Dry	Gov't	**

ROSEBUD COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Development **Wildcat
Great Northern Drlg. Co., Inc.	N. P. R. R.	1	WC NW NW 3 5N 41E	5,333	Dry	Fee	**
Gulf Oil Corporation	Tongue River-Federal	1	C SE SE 2 3N 44E	5,972	Dry	Gov't	**
Occidental Petr. Corp.	Edwards	1	C SW NE 8 11N 33E	6,070	Dry	Fee	*
John Snyder	N. P. R. R.	1-19	C NE NE 19 4N 39E	5,595	Dry	Fee	**
John Snyder	N. P. R. R.	1-15	C NE NW 15 4N 39E	5,610	Dry	Fee	**
TEXACO Inc.	No. Pac. E (NCT-5)	1	C NW SE 7 11N 33E	6,076	Dry	Fee	*
TEXACO Inc.	Florence Amon	7	C SW SW 10 11N 32E	4,719	Oil	Fee	*

Total of 14 Wells Completed: 13 Dry Holes, 1 Oil Well; 11 on Fee Lands, 3 on Gov't Lands; 4 Development Wells, 10 Wildcat Wells. Total footage drilled was 71,526 feet.

SHERIDAN COUNTY

Cardinal Petr. Co.	Goetzinger-Chandler	1	C NW NE 22 36N 56E	7,101	Dry	Fee	**
Cardinal Petr. Co.	Hagen-Olson	1	C SE NE 23 37N 57E	6,600	Dry	Fee	**
Cardinal Petr. Co.	Ferguson	1	C NW NW 28 37N 58E	6,588	Dry	Fee	**
Cardinal Petr. Co.	Joyes	1	C SE SE 17 37N 57E	6,548	Dry	Fee	*
Cardinal Petr. Co.	Caloil Annie Haugen, et al 2	1	C SW NW 18 37N 58E	6,087	Oil	Fee	**
Pan American Petr. Corp.	H. A. Huffman	1	C NE NE 21 37N 55E	6,720	Dry	Fee	**
Pan American Petr. Corp.	O. Wold	1	C SE SE 29 36N 54E	6,681	Dry	Fee	**
Pan American Petr. Corp.	J. Blair	1	C NW NW 17 36N 55E	6,770	Dry	Fee	**
Quintana Petr. Corp.	L. Marsh	1	C NE NE 10 34N 54E	10,779	Dry	Fee	**
Signal Drlg. & Expl., Inc.	P. Anderson	1	C SW SE 26 35N 58E	11,178	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Lagerquist "A"	1	C SE SE 9 35N 58E	7,357	Dry	Fee	*
Signal Drlg. & Expl., Inc.	Lee	1	SC SW NE 21 36N 57E	7,090	Dry	Fee	**
Signal Drlg. & Expl., Inc.	S&T Lagerquist	1	C NW SE 33 36N 58E	7,225	Oil	Fee	*
Signal Drlg. & Expl., Inc.	A. Lagerquist	2	SW SE NW 9 35N 58E	7,100	Oil	Fee	*
Signal Drlg. & Expl., Inc.	State	1	NC SE NW 16 35N 58E	7,278	Oil	State	*
Signal Drlg. & Expl., Inc.	Hereim	1	SC NE SW 18 35N 58E	7,355	Oil	Fee	**
Signal Drlg. & Expl., Inc.	State	1	C NW SE 21 35N 58E	7,313	Dry	State	**
Signal Drlg. & Expl., Inc.	C. Nelson	1	C SE NE 17 35N 58E	7,049	Oil	Fee	*
Signal Drlg. & Expl., Inc.	Henke	1	C SE SE 28 32N 58E	7,990	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Gaenslen	1	C Lot 9 13 35N 58E	7,120	Dry	Fee	**
Signal Drlg. & Expl., Inc.	Hjelm	1	SC NW SE 32 36N 58E	7,020	Oil	Fee	*
Signal Drlg. & Expl., Inc.	Hoveland	1	NW SE NE 28 35N 57E	7,333	Dry	Fee	**
Sun Oil Company	S. S. Semingson	1	C SE SE 8 37N 57E	6,625	Dry	Fee	*
Sun Oil Company	Loren Carlson	1	C NW NW 4 35N 58E	7,195	Oil	Fee	*
Sun Oil Company	H. M. Oksa	1	C SE SE 8 35N 58E	7,320	Oil	Fee	*
Sun Oil Company	John J. Shoal	1	C NW NE 5 35N 58E	6,950	Oil	Fee	*
Sun Oil Company	K. L. Christensen	1	C NW NW 11 34N 57E	7,370	Dry	Fee	**

Total of 27 Wells Completed: 17 Dry Holes, 10 Oil Wells; 25 on Fee Lands, 2 on State Lands; 12 Development Wells, 15 Wildcat Wells. Total footage drilled was 197,742 feet.

TETON COUNTY

M H O Drilling Co.	Kermit Oil Co. State	1	NW NW SE 36 27N 4W	2,014	Dry	State	*
J. R. Marchi	Amox-Swanson-Jensen	1	C SW NW 1 27N 7W	3,434	Oil	Fee	*
J. R. Marchi	Swanson-Jensen	2	SE NW NW 1 27N 7W	3,400	Oil	Fee	*
Pan American Petr. Corp.	State "E"	1	C SW NE 16 24N 1W	4,042	Dry	State	**
Sumatra Oil Corp.	Coffey-Brownell	51-9	NW NW NE 9 27N 5W	51	Dry	Fee	*

Total of 5 Wells Completed: 3 Dry Holes, 2 Oil Wells; 3 on Fee Lands, 2 on State Lands; 4 Development Wells, 1 Wildcat Well. Total footage drilled was 12,941 feet.

TOOLE COUNTY

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rgc.	Total Depth	Status	Type of Lease	Classification #Develop- ment **Wildcat
A A Oil Corporation	J. Fey	42-22	C SE NE 22 37N 2E	2,907	Dry	Fee	*
A A Oil Corporation	J. Fey	1	C NW NW 26 37N 2E	2,983	Dry	Fee	*
A A Oil Corporation	J. Fey	1	SE SE SW 26 37N 2E	2,669	Dry	Fee	*
A A Oil Corporation	Fred Parsell	10	NC SW NW 4 36N 3E	2,890	Dry	Fee	**
Chas. W. Austin	Cont. Land Co.	1	SW SW SE 2 36N 2E	2,845	Dry	Fee	**
Big West Oil Co.	State Unit	1	NE SW NE 16 37N 2E	2,575	Gas	State	*
Big West Oil Co.	State Unit	2	SW SE SE 16 37N 2E	2,418	Gas	State	*
Big West Oil Co.	Continental Land Co.	3	C SE SW 15 37N 2E	2,586	Gas	Fee	*
Cardinal Petr. Co.	Continental Land Co.	4	C NE NE 15 37N 2E	2,750	Dry	Fee	*
Cardinal Petr. Co.	Gov't M-012161	6-7	C SE NW 7 35N 3E	2,764	Dry	Gov't	*
Cardinal Petr. Co.	Farbo, et al	1	NE SE SE 1 37N 4W	2,552	Dry	Fee	*
Cardinal Petr. Co.	Fey	1	C NE NE 35 37N 2E	2,650	Oil	Fee	*
Cardinal Petr. Co.	John Fey	1-AA	C NE NW 11 36N 2E	3,051	Dry	Fee	**
Cardinal Petr. Co.	Johnson	1	C NE NE 27 37N 3E	3,132	Dry	Fee	**
Cardinal Petr. Co.	Joe Fey	15-35	NE SW SE 35 37N 2E	2,730	Dry	Fee	**
Cardinal Petr. Co.	Gov't	5-25	WC SW NW 25 37N 2E	2,718	Dry	Gov't	*
Cardinal Petr. Co.	Fed. Petr.	4-25	WC NW NW 25 37N 2E	2,725	Oil	Gov't	*
Cardinal Petr. Co.	Joe Fey	16-34	C SE SE 34 37N 2E	2,820	Dry	Fee	**
Cardinal Petr. Co.	State	5-36	WC SW NW 36 37N 2E	2,631	Dry	State	**
Cardinal Petr. Co.	Johnson	1-A	NW SW SW 26 37N 3E	3,162	Dry	Fee	**
Cardinal Petr. Co.	Fey	1-27	NC NE NE 27 37N 2E	2,778	Oil	Fee	*
Cardinal Petr. Co.	Fey	2-35	NE NW NE 35 37N 2E	2,659	Oil	Fee	*
Cardinal Petr. Co.	Fey	2-27	NE NW NE 27 37N 2E	2,750	Oil	Fee	*
Cardinal Petr. Co.	Edward-Larson	1	C NE SE 15 29N 2E	2,202	Dry	Fee	**
Cardinal Petr. Co.	Shadrach Denson	1	C SE NW 12 29N 2E	2,230	Dry	Fee	*
Cardinal Petr. Co.	Fed. Pubco	8-27	SE SE NE 27 37N 2E	2,768	Oil	Gov't	*
Cardinal Petr. Co.	Fed. Pubco	4-35	SW NW NW 35 37N 2E	2,640	Dry	Gov't	**
Cardinal Petr. Co.	State	1	C SW SW 31 30N 3E	2,164	Dry	State	**
Cardinal Petr. Co.	M. E. Denson	1	C NW NE 10 29N 2E	2,061	Dry	Fee	**
Cardinal Petr. Co.	J. Fey	8-35	WC SE NE 35 37N 2E	2,550	Dry	Fee	*
Cardinal Petr. Co.	Cont. Land Co.	1-B	C NW SE 2 36N 2E	2,741	Dry	Fee	**
Comanche Drlg. Co.	J. Fey	14-26	C SW SW 26 37N 2E	2,680	Dry	Fee	*
Comanche Drlg. Co.	Joe Fey	1	C NW SE 22 37N 2E	2,621	Dry	Fee	*
Comanche Drlg. Co.	Joe Fey	2	C SE SW 22 37N 2E	2,591	Dry	Fee	*
Filan & Son	Blumberg	6	NE SE NW 27 35N 1W	1,422	Oil	Fee	*
C. R. Gallagher, Jr.	State 6425-61	4-36	WC NW NW 36 37N 2E	2,631	Dry	State	*
Great Northern Drlg. Co., Inc.	Cyr	1	C SE SE 24 36N 1E	2,769	Dry	Fee	*
Roscoe Greenup	Parsell	1	C SE NW 32 37N 3E	2,920	Dry	Fee	**
Roscoe L. Greenup	J. Fey	43-27	SE NE SE 27 37N 2E	2,690	Oil	Fee	*
C. J. Iverson	Continental Land Co.- Christian	A-1	NE SW NE 9 37N 2E	1,799	Gas	Fee	**
C. J. Iverson	Continental Land Co.- Prichard	1	NW NE SE 4 37N 2E	1,820	Gas	Fee	**
C. J. Iverson	Continental Land Co.	3	SC SW SE 14 37N 2E	2,709	Oil	Fee	*
C. J. Iverson & Assoc.	Continental Land Co.	4	SE SE SW 14 37N 2E	2,693	Dry	Fee	*
J. P. Johnson	J. P. Johnson	1(D)	C NW NW 32 35N 1W	3,817	Dry	Fee	*
Juniper Oil & Mining Co.	Jacobs	1	SW SW SW 14 36N 2W	1,795	Dry	Fee	**
Juniper Oil & Mining Co.	USA-Mont.-044841	1	SE SE SE 7 35N 3W	2,638	Dry	Gov't	*
John Lyon	Fey	1	C NE SW 34 37N 2E	2,475	Dry	Fee	**
McAlester Fuel Co.	John Fey	A-1	EC SW NE 11 36N 2E	3,110	Dry	Fee	**
Occidental Petr. Corp.	S. A. Adaskavich	1	C NW NW 9 33N 1E	3,970	Dry	Fee	**
R. W. Parsell	J. Fey	A1	C SE NW 26 37N 2E	2,961	Dry	Fee	*
R. W. Parsell	Parsell	1B	NW SW SW 30 37N 3E	2,696	Dry	Fee	*
Pubco Petr. Corp.	J. Fey	A-1	NE NW NE 2 36N 2E	2,725	Oil	Fee	*
Duard & Elmer Rossmiller	Fed.-M-042973	1-25D	C NW NW 25 37N 2E	2,750	Dry	Gov't	*
Duard & Elmer Rossmiller	J. Jensen	1	NC NE NW 29 37N 2E	2,250	Dry	Fee	*
Duard & Elmer Rossmiller	Haggerty	3	NW SE NE 14 35N 2W	1,476	Oil	Fee	*

TOOLE COUNTY—Continued

Operator	Well Name	Well Number	Location—Sec. - Twp. - Rge.	Total Depth	Status	Type of Lease	Classification *Development **Wildcat
Sands Oil Co.	Anthony Fey	1	SW NW NE 23 37N 2E	2,737	Oil	Fee	**
Sands Oil Co.	Anthony Fey	2	NC SW NE 23 37N 2E	2,723	Oil	Fee	*
Sumatra Oil Corp.	Fey	22-23	C SE NW 23 37N 2E	2,671	Dry	Fee	*
Sumatra Oil Corp.	MacHale-Schiltz	33-14	NC NW SE 14 36N 2E	3,108	Dry	Fee	**
Sumatra Oil Corp.	H. Gardner, Jr.	66-10	SE NW SE 10 37N 3E	2,902	Gas	Fee	*
Sumatra Oil Corp.	Fey	11-26	C NE NE 26 37N 2E	2,675	Oil	Fee	*
Sumatra Oil Corp.	Joe Fey	11-30	C NW NW 30 37N 3E	2,671	Dry	Fee	*
Sumatra Oil Corp.	J. Fey	44-23	NW SE SE 23 37N 2E	2,690	Oil	Fee	*
Sumatra Oil Corp.	Parsell	14X-3	C SW SW 3 37N 3E	2,929	Dry	Fee	*
Sumatra Oil Corp.	Fey	44-26	SE SE SE 26 37N 2E	2,610	Dry	Fee	*
Sumatra Oil Corp.	State	23-36	C NE SW 36 37N 2E	2,755	Dry	State	*
Sumatra Oil Corp.—Wm. Fulton	US-M-056396	33-23	EC NW SE 23 37N 2E	2,712	Oil	Gov't	*
Sumatra Oil Corp.—Wm. Fulton	Joe Fey	43-23	WC NE SE 23 37N 2E	2,770	Dry	Fee	*
Sumatra Oil Corp.—Wm. Fulton	Anthony Fey	21-23-1	WC NE NW 23 37N 2E	2,730	Oil	Fee	*
Sumatra Oil Corp.—Wm. Fulton	Christian-Filan	22-14-1	C SE NW 14 36N 2E	2,865	Dry	Fee	**
Sumatra Oil Corp.—Wm. Fulton	Joe Fey	44X-26-2X	WC SE SE 26 37N 2E	2,601	Oil	Fee	*
Sumatra Oil Corp.—Wm. Fulton	US-M-056386	34-23	EC SW SE 23 37N 2E	2,722	Oil	Gov't	*
Sumatra Oil Corp.—Wm. Fulton	Joe Fey	31-26	EC NW NE 26 37N 2E	2,720	Oil	Fee	*
Sumatra Oil Corp.—Wm. Fulton	Parsell	31-8	NW NW NE 8 36N 3E	3,035	Dry	Fee	**
Sumatra Oil Corp.—Wm. Fulton	Fey	44-27	NE SE SE 27 37N 2E	2,667	Oil	Fee	*
Sumatra Oil Corp.—Wm. Fulton	Fey	22X-23-4	EC SE NW 23 37N 2E	2,700	Dry	Fee	*
Sumatra Oil Corp.—Wm. Fulton	Joe Fey	33-27	EC NW SE 27 37N 2E	2,672	Dry	Fee	*
Sumatra Oil Corp.—Wm. Fulton	Joe Fey	17-1	C SW NW 17 37N 3E	2,811	Dry	Fee	**
Stroock & Rogers	A. Fey	25-1	C NW NE 25 37N 2E	2,655	Dry	Fee	*
Stroock & Rogers	Fey	22-1	C NE NW 22 37N 1W	2,650	Dry	Fee	**
Stroock & Rogers	John J. Wolanski	22-1	C SE SE 1 36N 3W	2,138	Dry	Fee	**
TEXACO Inc.	G. N. Gales	1	N of SE 1/4 Cor. 34 36N 2W	1,612	Inj-R	Fee	*
TEXACO Inc.	Sunburst S. U. A. Swayze	11	N of SE 1/4 Cor. 34 36N 2W	1,601	Inj-R	Fee	*
TEXACO Inc.	Sunburst S. U. A. Swayze	12	C SW SW 35 36N 2W	1,600	Inj-R	Fee	*
TEXACO Inc.	Sunburst S. U. Swayze	13	SW SE SW 34 36N 2W	1,601	Inj-R	Fee	*
TEXACO Inc.	Sunburst S. U. Davey	23	SE NW SW 34 36N 2W	1,600	Inj-R	Fee	*
TEXACO Inc.	Sunburst S. U. R. Davey	22	C NW NW 15 33N 2E	1,897	Dry	Fee	**
Union Oil of California	Guith	1	SE SE SW 10 34N 3E	2,430	Dry	Fee	**
Tom Vessels, Jr.	Matteson	1	C NE NW 1 36N 2E	3,089	Dry	Fee	**
Tom Vessels, Jr.	Joe Fey	1	C SW SE 1 36N 2E	3,059	Dry	Fee	**
Tom Vessels, Jr.	Joe Fey	1	C NE SE 34 37N 2E	2,667	Oil	Fee	*
Tom Vessels, Jr.	Cavitt	2-3	C NE NE 15 34N 3E	2,470	Dry	Fee	**
Tom Vessels, Jr.	Tomshek	1	C NW NE 12 35N 1W	2,058	Dry	Fee	**
Mose Wagner Drlg. Co., Inc.	Joe Fey	1	SE SE SW 23 37N 2E	2,755	Oil	Fee	*
Mose Wagner Drlg. Co., Inc.	Cockrell	1	C NW NW 3 30N 3E	2,120	Dry	Fee	**
Stanley Watkins	H. E. Henry	1	NW SE SW 12 35N 3E	2,767	Dry	Fee	**
Stanley Watkins	Ellis Baker	1	C NE SW 1 35N 3E	2,940	Dry	Fee	**
Total of 97 wells Completed: 63 Dry Holes, 23 Oil Wells, 6 Gas Wells, 5 Inj-R Wells; 82 on Fee Lands, 6 on State Lands, 9 on Gov't Lands; 61 Development Wells, 36 Wildcat Wells; 2 Successful Wildcats. Total footage drilled was 252,294 feet.							

VALLEY COUNTY

Calvert Drlg. & Prod. Co.

YELLOWSTONE COUNTY

Montana Power Company

States Oil Co.

Total of 2 Wells Completed: 2 Dry Holes; 2 on Fee Lands; 2 Wildcat Wells. Total footage drilled was 10,942 feet.

Shell Fee

Trask
Forrest Chenoweth

NE SE SW 2 1N 29E
SE NW NW 25 6N 29E

Inj-R—Drilled for secondary recovery water injection well.
Inj-D—Drilled for salt water disposal well.
W.S.—Drilled for water source well for secondary recovery.

SUMMARY OF WELLS COMPLETED

JULY 1, 1963 TO JULY 1, 1964

COUNTY	Wells Drilled					Type of Lease			Classification		Successful Wildcats	Total Footage
	Total	Oil	Gas	*Inj.	Dry	State	Indian	Gov't	Fee	Development	Wildcat	
Big Horn	14	3			11		9		5	8	6	75,174
Blaine	13				13			4	9		13	57,872
Carbon	10	3			7			4	6	7	3	47,386
Carter	2				2			1	1		2	8,176
Choteau	4				4				4		4	6,780
Custer	2				2			2			2	14,400
Daniels	3				3	1			2		3	26,911
Dawson	9	3			6	1		3	5	5	4	89,650
Fallon	54	39			15	2		12	40	52	2	477,549
Fergus	2				2				2		2	1,930
Garfield	2				2				2		2	13,205
Glacier	15	3	3	4	5		3		12	12	3	59,511
Golden Valley	1				1				1		1	3,774
Hill	4				4				4		4	14,738
Judith Basin	1				1				1		1	1,150
Liberty	31	9	7		15	7		4	20	17	14	86,231
McCone	5	3			2				5	3	2	47,841
Musselshell	25	14			11	4		7	14	18	7	105,803
Park	1				1				1		1	2,725
Petroleum	3				3			3		1	2	6,471
Phillips	3				3				3		3	12,466
Pondera	13	10			3	1	4		8	12	1	39,133
Powder River	7				7	1		4	2		7	47,999
Prairie	1				1				1		1	9,960
Richland	3	2			1	1		1	1	2	1	35,548
Roosevelt	14	1			13	1		4	9	4	10	115,533
Rosebud	14	1			13			3	11	4	10	71,526
Sheridan	27	10			17	2			25	12	15	197,742
Teton	5	2			3	2			3	4	1	12,941
Toole	97	23	6	5	63	6		9	82	61	36	252,294
Valley	1				1				1		1	7,381
Yellowstone	2				2				2		2	10,942
TOTALS	388	126	16	9	237	29	16	61	282	222	166	1,960,742

*Wells drilled to be used as water injection wells for secondary recovery water flood projects.

Statement of Barrels of Crude Oil Produced, Refined, Exported and Stored In Montana

July 1, 1962 to June 30, 1963

FIELD	COUNTY	Storage July 1, 1962	Produced	Refined	Exported	Used or Lost	Storage June 30, 1963
Ash Creek.....	Big Horn	513	26,487	.....	26,559	.....	441
Bannatyne.....	Teton	1,139	13,300	13,895	.....	13	531
Bascom.....	Rosebud and Musselshell.....	.....	19,786	11,355	8,274	76	81
Bear's Den.....	Liberty	1,510	36,298	35,735	.....	363	1,710
Belfry.....	Carbon	291	6,145	.....	6,226	.....	210
Benrud.....	Roosevelt	357	30,874	.....	30,082	.....	1,149
Benrud East.....	Roosevelt .....	.....	120,345	.....	119,112	.....	1,233
Berthelote.....	Toole .....	.....	1,512	1,512	.....	.....	.....
Big Wall.....	Musselshell	3,570	330,167	323,906	7,468	143	2,220
Blackfoot.....	Glacier	3,103	95,763	41,428	53,133	420	3,885
Border.....	Toole	88	7,172	7,139	.....	.....	121
Bowes.....	Blaine	9,089	179,095	155,949	14,507	4,802	12,926
Brady.....	Pondera .....	.....	11,323	11,062	.....	.....	261
Bredette North.....	Daniels and Roosevelt.....	1,550	6,009	.....	6,178	.....	1,381
Cabin Creek.....	Fallon	305,815	3,705,488	.....	3,703,260	342	307,701
Cat Creek.....	Garfield and Petroleum.....	8,064	222,392	219,263	.....	7	11,186
Clark's Fork.....	Carbon .....	.....	676	.....	580	.....	96
Clark's Fork North.....	Carbon .....	.....	10,705	.....	9,174	.....	1,531
Cupton.....	Fallon	804	7,920	.....	7,544	.....	1,180
Cut Bank.....	Glacier and Toole.....	372,971	1,826,672	1,723,925	196,822	(8,138)	287,034
Deer Creek.....	Dawson	1,743	173,403	.....	171,770	.....	3,376
Delphia.....	Musselshell	752	10,729	10,377	.....	44	1,060
Devil's Basin.....	Musselshell	889	842	524	.....	.....	1,207
Dry Creek.....	Carbon	7,289	9,863	8,128	.....	62	8,967
Dwyer.....	Sheridan	14,362	880,491	.....	883,539	388	10,926
Elk Basin.....	Carbon	2,761	3,496,576	3,473,628	.....	2,135	23,574
Fertile Prairie.....	Fallon	2,020	23,980	.....	24,382	1,134	484
Flat Coulee.....	Liberty	1,436	147,323	142,671	.....	20	6,068
Frannie.....	Carbon	300	16,645	.....	16,945	.....	.....
Gage.....	Musselshell	1,129	7,077	7,409	.....	44	753
Gas City.....	Dawson	7,398	877,034	.....	874,325	237	9,920
Glendive.....	Dawson	12,268	426,371	.....	422,591	2,006	14,042
Graben Coulee.....	Glacier	235	74,918	.....	71,390	(891)	4,654
Gypsy Easin.....	Pondera	1,848	22,430	21,571	.....	1,470	1,237
Hibbard.....	Rosebud	773	13,946	14,175	.....	.....	544
Ivanhoe.....	Musselshell	3,968	379,157	169,441	209,392	544	3,748
Keg Coulee.....	Musselshell	3,733	405,887	250,286	154,025	17	5,292
Kevin Sunburst.....	Toole	67,433	584,043	561,328	.....	6,767	83,381

Little Beaver.....	Fallon	3,876	355,853	.....	355,206	800	3,723
Little Beaver East.....	Fallon	2,856	341,276	.....	340,815	.....	3,317
Lone Tree.....	Sheridan .....	.....	39,189	.....	35,974	1,620	1,595
Lookout Butte.....	Fallon	2,045	1,712,679	.....	1,698,763	7,351	8,610
Mackay Dome.....	Stillwater	770	.....	.....	.....	.....	770
Melstone.....	Musselshell	1,222	71,883	72,223	.....	50	832
Monarch.....	Fallon	4,137	196,533	.....	197,990	.....	2,680
Mosser.....	Yellowstone .....	.....	9,000	1,988	7,012	.....	.....
Musselshell.....	Rosebud .....	.....	13,499	.....	12,150	721	628
Outlook.....	Sheridan	9,267	435,224	.....	437,806	.....	6,685
Outlook South.....	Sheridan	3,461	27,437	.....	28,771	.....	2,127
Pennel.....	Fallon	11,393	1,769,594	.....	1,774,747	1,876	4,364
Pine.....	Dawson, Wibaux, Fallon, Prairie	14,124	4,432,358	.....	4,431,837	1,436	13,209
Pondera.....	Pondera and Teton	44,820	447,244	468,373	.....	3,251	20,440
Pondera Coulee.....	Pondera and Teton	144	2,515	2,631	.....	28	.....
Poplar East.....	Roosevelt	36,413	1,695,123	59,253	1,640,095	11,818	20,370
Poplar Northwest.....	Roosevelt	3,777	23,549	.....	25,086	.....	2,240
Ragged Point.....	Musselshell	2,425	193,872	82,268	112,134	.....	1,895
Reagan.....	Glacier	3,185	227,512	228,156	.....	.....	2,541
Red Creek.....	Glacier	5,180	485,185	440,541	40,885	4,864	4,075
Redstone.....	Sheridan	408	11,690	.....	11,441	(2)	659
Repeat.....	Carter	546	19,321	.....	19,329	54	484
Richey.....	Dawson and McCone	5,955	82,136	.....	85,328	.....	2,763
Richey Southwest.....	McCone	5,420	142,909	89,404	51,342	899	6,684
Sand Creek.....	Dawson	2,487	116,121	.....	114,306	119	4,183
Sidney-Branson.....	Richland	7,961	72,352	3,790	69,253	(545)	7,815
Snyder.....	Big Horn	917	8,660	3,589	3,748	.....	2,240
Soap Creek.....	Big Horn	16,867	55,242	40,346	24,083	(246)	7,926
Spring Lake.....	Richland .....	.....	50,654	.....	47,579	401	2,674
Stensvad.....	Musselshell and Rosebud	8,310	675,850	674,287	.....	1,428	8,445
Sumatra.....	Rosebud	328,266	2,078,749	1,902,571	68,630	30,446	405,368
Tule Creek.....	Roosevelt	3,976	908,698	233,562	675,526	.....	3,586
Whitlash.....	Liberty	5,157	122,974	96,532	27,161	.....	4,438
Whitlash West.....	Toole .....	.....	5,535	.....	5,148	52	335
Wolf Springs.....	Yellowstone	20,668	231,648	236,722	.....	.....	15,594
Woodrow.....	Dawson	908	180,878	.....	180,026	945	815
Wildcat.....	Sheridan .....	.....	19,414	.....	17,145	748	1,521
Wildcat.....	Roosevelt .....	.....	3,049	.....	2,953	.....	96
TOTALS.....	.....	1,396,142	31,474,304	11,840,943	19,559,547	80,119	1,389,837

Crude Oil Imported and Refined

From Canada.....	.....	971,676	.....	.....	.....	.....	276,084
From Wyoming.....	.....	515,890	15,728,943	.....	.....	.....	.....
TOTAL CRUDE OIL REFINED IN MONTANA.....	.....	1,912,032	28,541,562	.....	.....	.....	1,665,921

Statement of Barrels of Crude Oil Produced, Refined, Exported and Stored In Montana

July 1, 1963 to June 30, 1964

FIELD	COUNTY	Storage July 1, 1963	Produced	Refined	Exported	Used or Lost	Storage June 30, 1964
Ash Creek.....	Big Horn	441	24,953	.....	24,826	.....	568
Bannatyne.....	Teton	531	13,232	12,949	.....	.....	814
Bascom.....	Rosebud and Musselshell.....	81	3,663	3,604	.....	.....	140
Bear's Den.....	Liberty	1,710	29,944	29,925	.....	349	1,380
Belfry.....	Carbon	210	4,508	.....	4,546	.....	172
Benrud.....	Roosevelt	1,149	14,538	.....	15,436	.....	251
Benrud East.....	Roosevelt	1,233	185,309	.....	185,364	.....	1,178
Berthelote.....	Toole .....	.....	1,181	1,181	.....	.....	.....
Big Wall.....	Musselshell	2,220	256,334	255,822	.....	138	2,594
Blackfoot.....	Glacier	3,885	91,732	60,495	33,344	9	1,819
Border.....	Toole	121	6,425	2,047	4,387	.....	112
Bowes.....	Blaine	12,926	166,272	146,366	19,763	6,512	6,557
Bradley.....	Glacier .....	.....	8,184	6,831	.....	.....	1,353
Brady.....	Pondera	261	7,988	8,249	.....	.....	.....
Bredette, North.....	Daniels and Roosevelt.....	1,381	2,486	.....	3,376	14	477
Cabin Creek.....	Fallon	307,701	3,208,632	.....	3,148,859	3,561	363,933
Cat Creek.....	Garfield and Petroleum.....	11,186	250,623	247,656	2,350	(88)	11,891
Clark's Fork.....	Carbon	96	2,705	.....	2,578	.....	223
Clark's Fork North.....	Carbon	1,531	4,208	.....	4,586	.....	1,153
Conrad South.....	Pondera .....	.....	5,600	4,886	.....	3	711
Cupton.....	Fallon	1,180	11,119	.....	11,338	.....	961
Cut Bank.....	Glacier and Toole.....	287,034	1,813,734	1,515,485	152,386	20,233	412,664
Deer Creek.....	Dawson	3,376	91,775	.....	92,176	.....	2,975
Delphia.....	Musselshell	1,060	9,073	8,929	494	82	628
Devil's Basin.....	Musselshell	1,207	1,420	1,409	.....	.....	1,218
Dry Creek.....	Carbon	8,967	6,059	5,665	.....	1,299	8,062
Dwyer.....	Sheridan	10,926	589,078	.....	587,710	1,176	11,118
Elk Basin.....	Carbon	23,574	3,390,680	3,359,731	.....	142	54,381
Elk Basin Northwest.....	Carbon .....	.....	6,314	.....	5,581	.....	733
Fertile Prairie.....	Fallon	484	17,218	16,685	.....	151	866
Flat Coulee.....	Liberty	6,068	441,000	412,426	28,045	345	6,252
Flat Lake.....	Sheridan .....	.....	2,703	1,746	.....	.....	957
Frannie.....	Carbon .....	.....	19,725	.....	19,725	.....	.....
Fred & George Creek.....	Toole .....	.....	636,612	531,960	.....	225	18,811
Gage.....	Musselshell	753	4,980	3,405	85,616	365	495
Gas City.....	Dawson	9,920	886,975	.....	1,468	.....	6,250
Glendive.....	Dawson	14,042	406,540	.....	890,181	464	7,221
Goose Lake.....	Sheridan	1,521	253,987	.....	411,630	1,731	7,221
Graben Coulee.....	Glacier	4,654	87,176	88,001	252,179	76	3,329
Gypsy Basin.....	Pondera	1,237	31,901	29,140	.....	1,342	3,753
Hibbard.....	Rosebud	544	9,028	8,773	.....	.....	2,656
Ivanhoe.....	Musselshell	3,748	352,252	352,153	.....	668	3,179
Keg Coulee.....	Musselshell	5,292	321,622	321,901	.....	20	4,993
Kevin Sunburst.....	Toole	83,381	528,682	552,805	.....	5,443	53,815
Little Beaver.....	Fallon	3,723	329,974	.....	330,076	.....	3,621
Little Beaver East.....	Fallon	3,317	305,441	.....	306,112	.....	2,646

Lodge Grass.....	10,261	.....	9,770	.....	491
Lone Tree.....	66,702	.....	67,309	.....	988
Lookout Butte.....	2,008,019	137,812	1,876,170	.....	2,647
Mackay Dome.....	770	.....	.....	.....	770
Melstone.....	42,567	42,357	.....	.....	1,042
Monarch.....	183,876	.....	183,164	.....	3,392
Mosser.....	9,842	.....	.....	.....	.....
Musselshell.....	628	524	9,842	.....	338
Rosebud.....	1,286	.....	1,052	.....	6,940
Sheridan.....	6,685	.....	386,430	.....	1,948
Outlook.....	2,127	.....	26,318	.....	.....
Outlook South.....	26,139	.....	.....	.....	.....
Pennel.....	4,364	.....	2,589,802	2,157	3,944
Pine.....	2,591,539	.....	.....	.....	.....
Dawson, Fallon, Prairie, Wibaux	4,019,365	.....	4,018,965	.....	13,609
Musselshell.....	20,700	.....	18,963	.....	1,737
Pondera.....	416,327	408,320	.....	4,375	24,072
Pondera, Teton	4,114	4,114	.....	.....	.....
Pondera, Teton	82,183	82,183	1,354,383	7,886	38,985
Roosevelt.....	22,327	.....	23,404	.....	1,163
Roosevelt.....	100,259	47,615	51,340	22	3,177
Poplar East.....	229,310	228,686	.....	.....	3,165
Poplar Northwest.....	2,541	473,530	.....	5,772	54,316
Ragged Point.....	4,075	.....	.....	.....	442
Reagan.....	659	.....	11,530	.....	325
Red Creek.....	17,210	.....	17,369	.....	3,178
Redstone.....	58,520	.....	57,546	559	2,690
Repeat.....	215,981	219,975	.....	.....	.....
Richey.....	98,036	.....	102,219	.....	.....
Richey Southwest.....	61,311	55,391	2,255	(692)	12,172
Sand Creek.....	7,815	4,364	.....	123	1,069
Sidney-Branson.....	3,316	53,980	.....	(129)	10,548
Snyder.....	56,473	.....	149,059	.....	4,871
Soap Creek.....	151,256	.....	.....	198	3,919
Spring Lake.....	473,673	478,001	251,165	30,956	394,013
Stensvad.....	1,489,114	1,218,348	455,755	.....	2,630
Sumatra.....	669,668	214,869	.....	985	603
Tule Creek.....	38,755	37,167	.....	.....	.....
Vida.....	3,786	3,786	.....	.....	.....
Volt.....	122,216	119,903	.....	.....	6,751
Whitlash.....	5,785	5,980	.....	.....	140
Whitlash West.....	45,962	.....	43,901	.....	2,061
Wills Creek South.....	165,536	145,147	5,146	.....	30,837
Wolf Springs.....	98,120	.....	98,285	.....	650
Woodrow.....	22,301	4,710	14,301	687	2,699
Wildcat.....	1,316	.....	915	100	301
TOTALS.....	30,790,231	11,976,987	18,455,490	97,259	1,650,332

Crude Oil Imported and Refined

From Canada.....	2,544,080	99,121
From Wyoming.....	15,086,707	500,270
TOTAL CRUDE OIL REFINED IN MONTANA.....	29,607,774	2,249,723

Natural Gas Production

July 1, 1962 to June 30, 1963

FIELD	COUNTY	M Cu. Ft.
Bear's Den.....	Liberty	48,883
Big Coulee.....	Golden Valley and Stillwater.....	964,818
Bowdoin.....	Phillips and Valley.....	1,945,601
Bowes.....	Blaine	939,753
Cabin Creek.....	Fallon	994,005
Cedar Creek.....	Fallon and Wibaux.....	5,090,936
Cut Bank (Includes Reagan).....	Glacier and Toole.....	8,287,645
Devon.....	Toole	49,503
Dry Creek.....	Carbon	1,558,639
Elk Basin.....	Carbon	388,581
Flat Coulee.....	Liberty	208,513
Golden Dome.....	Carbon	146,939
Grandview.....	Liberty	112,520
Hardin.....	Big Horn	51,771
Keith Block.....	Liberty	2,251,963
Kevin Sunburst.....	Toole	950,698
Pine.....	Prairie, Wibaux and Fallon.....	715,278
Plevna.....	Fallon	165,608
Utopia.....	Liberty	533,402
Whitlash.....	Liberty	2,088,575
Miscellaneous.....	Various	196,356
		<u>27,689,987</u>

July 1, 1963 to June 30, 1964

Bear's Den.....	Liberty	20,113
Big Coulee.....	Golden Valley and Stillwater.....	961,750
Bowdoin.....	Phillips and Valley.....	1,863,336
Bowes.....	Blaine	901,507
Cabin Creek.....	Fallon	1,239,141
Cedar Creek.....	Fallon and Wibaux	3,603,219
Cut Bank (Includes Reagan).....	Glacier and Toole.....	7,047,429
Devon.....	Toole	27,207
Dry Creek.....	Carbon	1,291,626
Elk Basin.....	Carbon	355,404
Flat Coulee.....	Liberty	47,157
Gold Butte.....	Toole	59,089
Golden Dome.....	Carbon	149,116
Grandview.....	Liberty	25,475
Hardin.....	Big Horn	46,704
Keith Block.....	Liberty	2,281,228
Kevin Sunburst.....	Toole	809,058
Middle Butte.....	Toole	180,358
Mount Lili.....	Liberty	90,523
Pine.....	Prairie, Wibaux and Fallon.....	705,635
Plevna.....	Fallon	203,314
Utopia.....	Liberty	694,634
Whitlash.....	Liberty	1,488,725
Miscellaneous.....	Various	235,398
		<u>24,327,146</u>

Revenue For The Period

July 1, 1962 to June 30, 1963

Natural Gas Production Tax

4,692,667 M. cu. ft. at 1c per 200,000 cu. ft.....	\$ 236.27	
21,935,914 M. cu. ft. at 1c per 400,000 cu. ft.....	548.41	

784.68

Crude Oil Production Tax

3,097,178 Bbls. Crude Oil at 1/16c per bbl.....	1,935.70	
20,520,522 Bbls. Crude Oil at 1/8c per bbl.....	25,650.64	
6,493,292 Bbls. Crude Oil at 1/4c per bbl.....	16,233.23	

43,819.57

Well Drilling Permit Fees

Northern District

94 Permits under 3500' depth at \$25.00 each.....	2,350.00	
15 Permits under 7000' depth at \$75.00 each.....	1,125.00	

3,475.00

Southern District

31 Permits under 3500' depth at \$25.00 each.....	775.00	
85 Permits under 7000' depth at \$75.00 each.....	6,375.00	
150 Permits 7000' and deeper at \$150.00 each.....	22,500.00	

29,650.00

Fees Collected for copies of Transcripts, Logs, etc.....	294.50	
Interest Collected on Investments.....	1,803.78	
Refunds from Travel.....	136.05	
Hail Damage Insurance.....	361.00	
Cancelled and Unhonored Warrants.....	22.81	

TOTAL RECEIPTS	\$80,347.39	
----------------------	-------------	--

Revenue For The Period

July 1, 1963 to June 30, 1964

Natural Gas Production Tax

19,061,600 M. cu. ft. at 1c per 100,000 cu. ft.....	\$ 1,906.16	
---	-------------	--

\$

1,906.16

Crude Oil Production Tax

1,096,800 Bbls. Crude Oil at 1/16c per Bbl.....	685.47	
6,282,655 Bbls. Crude Oil at 1/8c per Bbl.....	7,853.32	
3,190,774 Bbls. Crude Oil at 1/4c per Bbl.....	7,976.17	
18,746,597 Bbls. Crude Oil at 1/2c per Bbl.....	93,733.00	

110,247.96

Well Drilling Permit Fees

Northern District

174 Permits under 3500' depth at \$25.00 each.....	4,350.00	
22 Permits under 7000' depth at \$75.00 each.....	1,650.00	
3 Permits 7000' and deeper at \$150.00 each.....	450.00	

6,450.00

Southern District

15 Permits under 3500' depth at \$25.00 each.....	375.00	
78 Permits under 7000' depth at \$75.00 each.....	5,850.00	
113 Permits 7000' and deeper at \$150.00 each.....	16,950.00	

23,175.00

Fees Collected for Copies of Transcripts, Logs, etc.....	241.26	
Refund from Travel.....	65.40	
Cancelled and Unhonored Warrants.....	30.00	

TOTAL RECEIPTS	\$142,115.78	
----------------------	--------------	--

Statement of Expenditures

July 1, 1962 to June 30, 1963

ADMINISTRATIVE

Salaries

Administrative Employees	\$ 44,123.97
Technical Employees	26,908.82
Inspectors and Fieldmen.....	22,429.45
Commissioners' Compensation	2,370.00

\$ 95,832.24

Operations

Postage	\$ 1,636.00
Postage Machine Rental.....	91.20
Stationery, Record Books and Blanks.....	345.55
Sundry Office Supplies and Expense.....	3,118.37
Telephone and Telegraph.....	3,361.17
Freight, Express and Drayage.....	334.59
Printing and Binding.....	6,139.43
Travel	17,982.36
Rentals, Office	6,810.00
Legal Publications	1,567.70
Subscriptions and Periodicals.....	868.54
Dues to Associations and Compacts.....	665.00
Industrial Accident Insurance.....	957.55
Insurance	119.12
P.E.R.S. Contributions	2,654.21
Social Security Contributions.....	2,500.36
P.B.X. Board	140.10
Well Core Cuts.....	7,250.78
Miscellaneous	2,339.26
Court and Legal Expense.....	7.25
Research Grant to Montana School of Mines.....	10,000.00

68,888.54

Capital

Building and Attached Fixtures.....	\$ 2,495.80
Hand Tools and Petty Equipment.....	53.70
Furniture and Fixtures.....	318.50
Library and Reference Books.....	25.00

2,893.00

Repairs and Replacements

Building and Attached Fixtures.....	\$ 387.51
Machinery and Appliances.....	439.55
Hand Tools and Petty Equipment.....	10.00

837.06

GRAND TOTAL

\$168,450.84

Statement of Expenditures

July 1, 1963 to June 30, 1964

ADMINISTRATIVE

Salaries

Administrative Employees	\$ 57,184.70
Technical Employees	27,886.39
Inspectors and Fieldmen.....	21,400.00
Commissioners' Compensation	<u>2,565.00</u>

\$109,036.09

Operations

Postage	\$ 2,529.00
Postage Machine Rental.....	110.94
Stationery, Record Books and Blanks.....	116.80
Sundry Office Supplies and Expense.....	4,348.08
Telephone and Telegraph.....	3,234.89
Freight and Express.....	371.93
Printing and Binding.....	1,356.95
Official Bonds	25.00
Travel	18,233.88
Rentals — Office.....	6,660.00
Legal Publications	1,545.74
Court and Legal Expense.....	442.83
Subscriptions and Periodicals.....	439.50
Dues to Associations and Compacts.....	715.00
Industrial Accident Insurance.....	985.87
Insurance	110.54
P.E.R.S. Contributions	3,309.48
Social Security Contributions.....	3,034.55
P.B.X. Board.....	209.03
Well Core Cuts.....	7,745.31
Core Sample Envelopes.....	7,579.77
Miscellaneous	<u>2,956.07</u>

66,061.16

Capital

Hand Tools and Petty Equipment.....	\$ 94.55
Furniture and Fixtures.....	156.44
Library and Reference Books.....	<u>14.39</u>

265.38

Repairs and Replacements

Land and Land Improvements.....	\$ 23.10
Building and Attached Fixtures.....	396.36
Machinery and Appliances.....	<u>507.93</u>

927.39

GRAND TOTAL

\$176,290.02

